GL TRADE

GL WIN Version 7.1.1 – Market Data
User Guide

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Global Link for Trading

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Introduction

The Market Data section of GL WIN includes the following windows:

- Market Watch
- Market Watch+
- Options
- Strategy Watch
- V5 Dictionary
- Instrument Summary
- Instrument Characteristics
- Market Depth
- Best Limit - Strategies
- Vertical Limits
- Ticker
- Technical Analysis (GL CHARTS)
- Time & Sales Window
- Historical Window
- NewsWatch (V5)
- News
- Alerts
- Notification Manager
- GL Pricer
- Information
- Time Tools
- Web

The Market Watch Window

The **Market Watch** window enables you to display the quoted instruments listed on a stock exchange and all related information. It is also possible to display an embedded Entry Box window within the Market Watch window.
If you choose to display only a few columns in the window, and if the window is stretched to a large enough size, the data will scroll so that the columns are repeated several times.
When a mid price is broadcast by the exchange, this can be seen in the **Mid Price (Pmid)** column.

- Market Watch window: list of fields
- Market Watch window menus

Information is presented in fields organized into lines and columns. You are able to display the following information:

Field Name	Description
Symbol	Instrument symbol
ISIN Code	Instrument international code
Name	Instrument name
Bid hour	Time of last bid
Bid quantity	Quantity of the best bid price
Bid price	Best bid price
Ask quantity	Quantity of the best selling price
Ask price	Best selling price
Ask hour	Time of last sale
Theo open qty	Theoretical opening quantity

Field Name	Description
Theo open price	Theoretical opening price
Theo open var %	Theoretical opening variance according to the opening price
Last open price	Last opening price
Last quantity exchanged	Quantity of last transaction
Suspension flag	Supension status
Group state	Status of the suspended or closed group
Time of last price	Time of last/best price
Volume	Total exchanged quantity by day and by instrument
Capital exchanged	Exchanged capital by day and by instrument
Opening price	Opening price for the instrument
Max price allowed	Maximum authorized price
Highest price	Highest price of the working day
Lowest price	Lowest price of the working day
Closing price	Last price traded for the instrument. Yesterday's closing price
GL VWAP	Average price of the instrument
Group number	Group of the instrument
Index coefficient	Coefficient of the value in the main index
Number of calls	Number of buying options
Number of puts	Number of selling options
Open position number	For derivatives: number of open contracts
Nb Price request	For derivatives: number of price requests
Currency	Currency of the instrument
Stock type	Type of the stock
MM Bid quantity	Quantity of the best purchase price issued by the Market Maker
Number of orders	Total number of orders for the instrument
Total number of lots	Total number of lots
Number of lots traded	Number of traded lots
Number of trades	Number of transactions
Number of messages	Number of messages
BLO Number of linked orders	Number of blocks of linked orders
Uniquote Ask	Uniquote: tool for comparing the price of one instrument on several markets
Origin	Indicates trade origin. The code of the origin (**OR**) column can be either : • B : Exchange • D : Cross • A : Cancelled by the Exchange • C : Trade Report (formerly ACT) • T : Trade Report for ACT London • L : Strategy Legs
House Bid Quantity	Quantity of best internal (house) bid.
House Bid Price	Best internal (house) bid price.
House Ask Quantity	Quantity of best internal (house) ask.
House Ask Price	Best internal (house) ask price.
Flag	The flag corresponding to the country in which the exchange is based.
Best Bid Qty	Best Bid Quantity (see the Implied section for more details on this and the following fields).

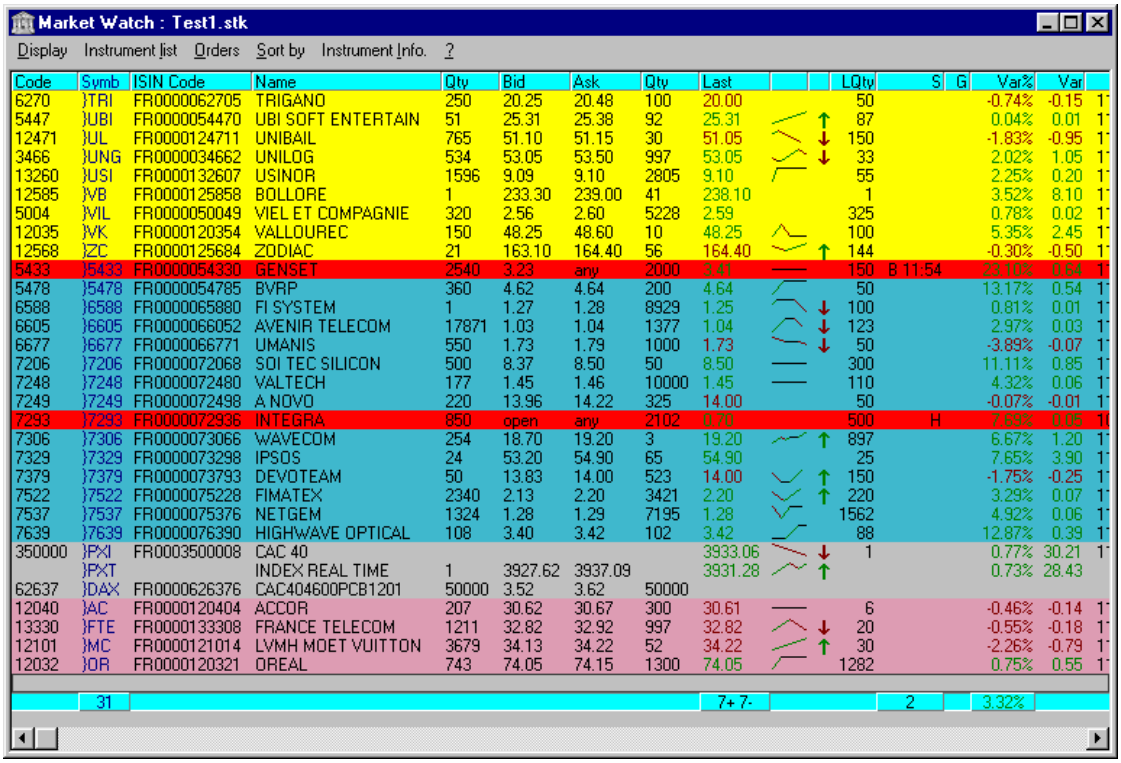
Field Name	Description
Best Bid P.	Best Bid Price.
Pap. Bid Qty	Paper Bid Quantity.
Pap.Bid P.	Paper Bid
Best I.Bid Qty	Best Implied Bid Quantity
Best I. Bid P.	Best Implied Bid Price
I. / Pap. Best Bid Qty	Implied/Paper Bid Quantity
I. / Pap. Best Bid P.	Implied/Paper Bid Price
I.Out Bid Qty	Implied Out Bid Quantity
I. Out Bid Price	Implied Out Bid Price
I.2 Bid Qty	Implied on Implied Bid Quantity
I.2 Bid P.	Implied on Implied Bid Price
I.Out Ask P.	Implied Out Ask Price
I. Out Ask Qty	Implied Out Ask Quantity
I.2 Ask P.	Implied on Implied Ask Price
I.2 Ask Qty	Implied on Implied Ask Quantity
I. / Pap. Best Ask P.	Implied /Paper Ask Price
I. / Pap. Best Ask Qty	Implied / Paper Ask Quantity
Best I. Ask P.	Best Implied Ask Price
Best I.Ask Qty	Best Implied Ask Quantity
Pap. Ask P.	Paper Ask Price
Pap. Ask Qty	Paper Ask Quantity
Best Ask P	Best Ask Price
Best Ask Qty	Best Ask Quantity

GL WIN windows: list of main fields - abbreviations:

Field Name	Description
Ask = Ask price	Best asking price for the instrument
Qty = Ask quantity	Total quantity to sell
Bid = Bid price	Best Bid price for the instrument
Qty = Bid quantity	Total quantity to buy
B/S = Buy/Sell/Cross	Market side buy/sell
Cap.	Capital exchanged
Close = closing price	Last price traded for the instrument Yesterday's closing price
Coef.	Coefficient index
Compens.	Compensation price
N CTE	Number assigned by the central trading engine used for internal system purposes
Curr.	Currency
Date	Order entry date
High	Highest price traded today
Infl.	Index influence
Code	Instrument code
Name	Instrument name
Symb	Instrument symbol
LOP	Last opening price
Last	Last traded price

Field Name	Description
Lqty	Traded quantity of the last trade for the instrument
L	Limit position
Low	Lowest price traded today
Open	Opening price for the instrument
Qdisp	Displayed quantity
Qexe	Quantity filled
Qmin	Minimum order quantity
Qrem	Quantity remaining, yet to be filled
St	Status code
S	Suspension flag: status of the market indicator
Tradph	Trading phase a stock is currently in
TOP	Theoretical opening price displaying the price while in the pre-opening phase
TOQ	Theoretical opening quantity
Volume	Total volume traded for the intrument
TON	Trade order number
UID	User ID
Valid	Order validity type
Var	Variation in relation to traded price
TOV	Variation % open price
Comment	Shows long stock name (if the dictionary contains a Cash folder), or text entered in ***Trading Defaults -> Display***.

With the horizontal scrollbar, you can move from left to right to display fields that are not visible. With the vertical scrollbar, you can move up and down to access the market summaries.
An instrument or a group of instruments can be highlighted with a specific color you define in the Default Setup window. You can also enter a comment by instrument or group of instruments.

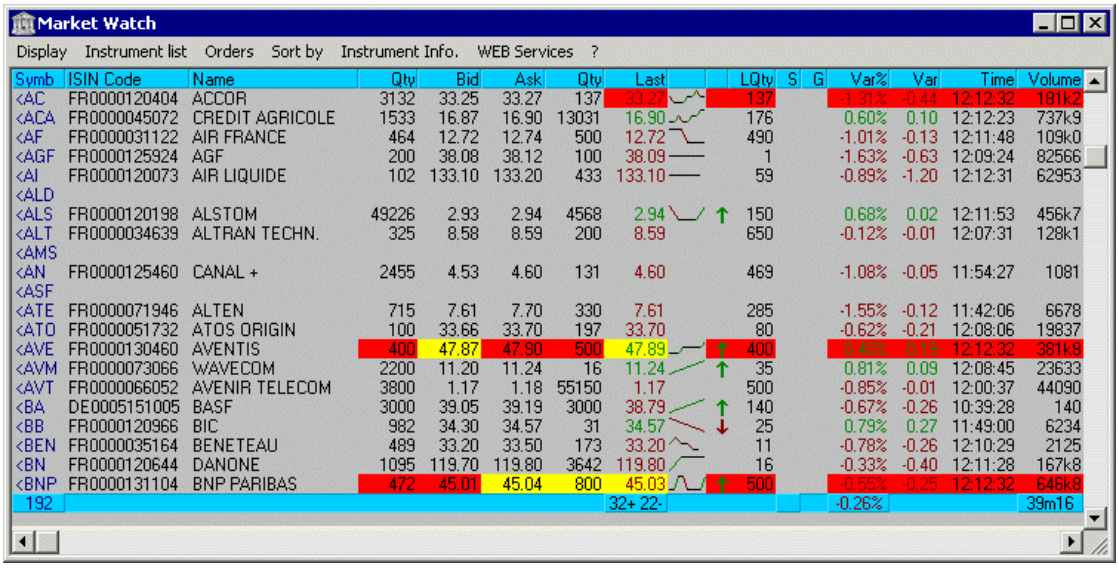


Code	Symb	ISIN Code	Name	Qty	Bid	Ask	Qty	Last	LQty	S	G	Var%	Var
6270	}TRI	FR0000062705	TRIGANO	250	20.25	20.48	100	20.00	50			-0.74%	-0.15
5447	}UBI	FR0000054470	UBI SOFT ENTERTAIN	51	25.31	25.38	92	25.31	87			0.04%	0.01
12471	}UL	FR0000124711	UNIBAIL	765	51.10	51.15	30	51.05	150			-1.83%	-0.95
3466	}UNG	FR0000034662	UNILOG	534	53.05	53.50	997	53.05	33			2.02%	1.05
13260	}USI	FR0000132607	USINOR	1596	9.09	9.10	2805	9.10	55			2.25%	0.20
12585	}VB	FR0000125858	BOLLORE	1	233.30	239.00	41	238.10	1			3.52%	8.10
5004	}VIL	FR0000050049	VIEL ET COMPAGNIE	320	2.56	2.60	5228	2.59	325			0.78%	0.02
12035	}VK	FR0000120354	VALLOUREC	150	48.25	48.60	10	48.25	100			5.35%	2.45
12568	}ZC	FR0000125684	ZODIAC	21	163.10	164.40	56	164.40	144			-0.30%	-0.50
5433	}5433	FR0000054330	GENSET	2540	3.23	any	2000	3.41	150	B	11:54	23.10%	0.64
5478	}5478	FR0000054785	BVRP	360	4.62	4.64	200	4.64	50			13.17%	0.54
6588	}6588	FR0000065880	FI SYSTEM	1	1.27	1.28	8929	1.25	100			0.81%	0.01
6605	}6605	FR0000066052	AVENIR TELECOM	17871	1.03	1.04	1377	1.04	123			2.97%	0.03
6677	}6677	FR0000066771	UMANIS	550	1.73	1.79	1000	1.73	50			-3.89%	-0.07
7206	}7206	FR0000072068	SOI TEC SILICON	500	8.37	8.50	50	8.50	300			11.11%	0.85
7248	}7248	FR0000072480	VALTECH	177	1.45	1.46	10000	1.45	110			4.32%	0.06
7249	}7249	FR0000072498	A NOVO	220	13.96	14.22	325	14.00	50			-0.07%	-0.01
7293	}7293	FR0000072936	INTEGRA	850	open	any	2102	0.70	500		H	7.69%	0.05
7306	}7306	FR0000073066	WAVECOM	254	18.70	19.20	3	19.20	897			6.67%	1.20
7329	}7329	FR0000073298	IPSOS	24	53.20	54.90	65	54.90	25			7.65%	3.90
7379	}7379	FR0000073793	DEVOTEAM	50	13.83	14.00	523	14.00	150			-1.75%	-0.25
7522	}7522	FR0000075228	FIMATEX	2340	2.13	2.20	3421	2.20	220			3.29%	0.07
7537	}7537	FR0000075376	NETGEM	1324	1.28	1.29	7195	1.28	1562			4.92%	0.06
7639	}7639	FR0000076390	HIGHWAVE OPTICAL	108	3.40	3.42	102	3.42	88			12.87%	0.39
350000	}PXI	FR0003500008	CAC 40					3933.06	1			0.77%	30.21
	}PXT		INDEX REAL TIME	1	3927.62	3937.09		3931.28				0.73%	28.43
62637	}DAX	FR0000626376	CAC404600PCB1201	50000	3.52	3.62	50000						
12040	}AC	FR0000120404	ACCOR	207	30.62	30.67	300	30.61	6			-0.46%	-0.14
13330	}FTE	FR0000133308	FRANCE TELECOM	1211	32.82	32.92	997	32.82	20			-0.55%	-0.18
12101	}MC	FR0000121014	LVMH MOET VUITTON	3679	34.13	34.22	52	34.22	30			-2.26%	-0.79
12032	}OR	FR0000120321	OREAL	743	74.05	74.15	1300	74.05	1282			0.75%	0.55
	31							7+ 7-		2		3.32%	

In the Market Watch window above:
Dark blue indicates the "71" instrument group.
Yellow indicates the "11" instrument group.
Pink indicates CAC40 instruments.
Grey indicates some index values.

Note: All event colors are predominant so the suspended instruments are highlighted in red.

An increase or decrease of value for some fields can also be highlighted through specific colors you define via the ***Display -> Colors...*** function. Then activate highlighting by selecting ***Display -> Highlighting***.
In the following example, every time there is an increase or decrease of the **Bid** price, **Ask** price, **Last** price, bid **Qty** and offer **Qty**, these fields are highlighted in yellow for an increase and in red for a decrease.



Symb	ISIN Code	Name	Qty	Bid	Ask	Qty	Last	LQty	S	G	Var%	Var	Time	Volume
<AC	FR0000120404	ACCOR	3132	33.25	33.27	137	33.27	137			-1.31%	-0.44	12:12:32	181k2
<ACA	FR0000045072	CREDIT AGRICOLE	1533	16.87	16.90	13031	16.90	176			0.60%	0.10	12:12:23	737k9
<AF	FR0000031122	AIR FRANCE	464	12.72	12.74	500	12.72	490			-1.01%	-0.13	12:11:48	109k0
<AGF	FR0000125924	AGF	200	38.08	38.12	100	38.09	1			-1.63%	-0.63	12:09:24	82566
<AI	FR0000120073	AIR LIQUIDE	102	133.10	133.20	433	133.10	59			-0.89%	-1.20	12:12:31	62953
<ALD														
<ALS	FR0000120198	ALSTOM	49226	2.93	2.94	4568	2.94	150			0.68%	0.02	12:11:53	456k7
<ALT	FR0000034639	ALTRAN TECHN.	325	8.58	8.59	200	8.59	650			-0.12%	-0.01	12:07:31	128k1
<AMS														
<AN	FR0000125460	CANAL +	2455	4.53	4.60	131	4.60	469			-1.08%	-0.05	11:54:27	1081
<ASF														
<ATE	FR0000071946	ALTEN	715	7.61	7.70	330	7.61	285			-1.55%	-0.12	11:42:06	6678
<ATO	FR0000051732	ATOS ORIGIN	100	33.66	33.70	197	33.70	80			-0.62%	-0.21	12:08:06	19837
<AVE	FR0000130460	AVENTIS	400	47.87	47.90	500	47.89	400			0.40%	0.19	12:12:32	381k8
<AVM	FR0000073066	WAVECOM	2200	11.20	11.24	16	11.24	35			0.81%	0.09	12:08:45	23633
<AVT	FR0000066052	AVENIR TELECOM	3800	1.17	1.18	55150	1.17	500			-0.85%	-0.01	12:00:37	44090
<BA	DE0005151005	BASF	3000	39.05	39.19	3000	38.79	140			-0.67%	-0.26	10:39:28	140
<BB	FR0000120966	BIC	982	34.30	34.57	31	34.57	25			0.79%	0.27	11:49:00	6234
<BEN	FR0000035164	BENETEAU	489	33.20	33.50	173	33.20	11			-0.78%	-0.26	12:10:29	2125
<BN	FR0000120644	DANONE	1095	119.70	119.80	3642	119.80	16			-0.33%	-0.40	12:11:28	167k8
<BNP	FR0000131104	BNP PARIBAS	472	45.01	45.04	800	45.03	500			-0.55%	-0.25	12:12:32	646k8
192							32+ 22-				-0.26%			39m16

Instrument names and maturities display

The Market Watch window offers you the possibility to display clearer names and maturities for derivatives instruments. These can be defined in the ***General Settings -> Instrument*** section.

Symb	Name
_LFED 050900000F	Three Month Eurodollar;Sep05
_LFED 051200000F	Three Month Eurodollar;Dec05
_LFED 060300000F	Three Month Eurodollar;Mar06
_LFED 060600000F	Three Month Eurodollar;Jun06
_LFED 060900000F	Three Month Eurodollar;Sep06
_LFED 061200000F	Three Month Eurodollar;Dec06
_LFED 070600000F	Three Month Eurodollar;Jun07
_LFED 070900000F	Three Month Eurodollar;Sep07
_LFED 080300000F	Three Month Eurodollar;Mar08
_LFED 091200000F	Three Month Eurodollar;Dec09

The **Market Watch** window includes the following menus:

- Display
- Instrument List
- Orders
- Sort by
- Instrument Info
- Web Services

The Display Menu

Use this menu to execute the following functions:

- Main control window
- Fixed window
- Window controlled by stock list
- Dynamic Insert
- Select data display
- Highlighting
- Show/Hide title and menu
- Show/Hide data title
- Show/Hide total line
- Show/Hide scroll bars
- Show/Hide button bar
- Show/Hide Entry Box
- Tabs
- Title
- Font
- Colors
- Print
- Quit

Main Control Window

With the ***Main Control window*** function, you can control one or several windows. In this way, via a Market Watch window, you can control the following windows:

- Instrument summary,
- Intraday, Historical
- Characteristics of a stock
- Market depth
- Order Book
- Web Services

When the active instrument is modified in the main control window, all controlled windows are updated accordingly.
The main control window must be selected on either the Market Watch or the Trading station windows.

Fixed Window

Use this function to display the selected window on all virtual screens that are available. GL WIN enables you to display information on four different virtual screens.

A fixed window is always displayed and can be associated with other windows according to the virtual screen displayed.
Each virtual screen can be defined with a fixed window and other windows.

Window controlled by stock list

Use this function to load the stocks used in the GL ARWIN basket-trading application.
When selecting this function, you must also select the ***Display -> Market Watch control window*** function in GL ARWIN.

When a basket is loaded in the GL ARWIN application, the active Market Watch list is cleared and filled with all new stocks used in this basket.
Consequently, you can save basket-traded instruments as stock lists.

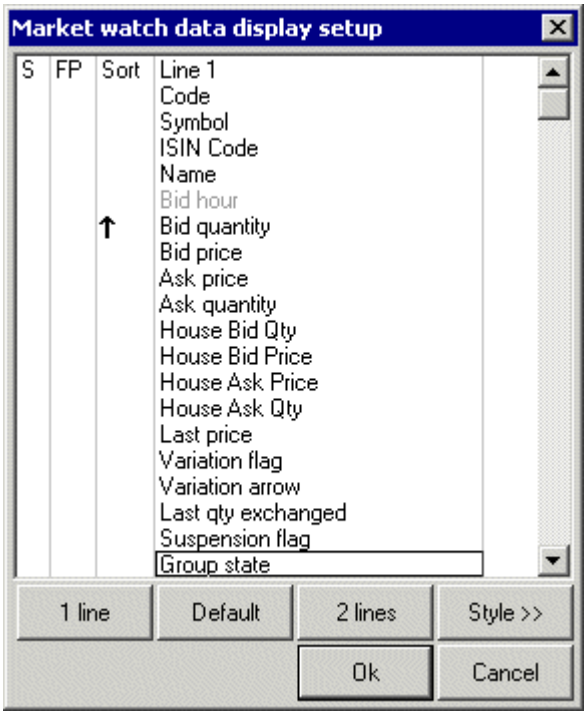
Dynamic Insert

Tick this option to automatically add every new strategy created by the SLE to your Dictionary selection.

*Note: This functionality is only available if the Sources section in the `glflux.ini` configuration file has been set up correctly, including the News origin: 93 (**Euronext LIFFE code**), and only concerns traders using the BDL market.*

Select Data Display…

The ***Select Data Display*** function displays the Market Watch Data Setup window.
Select the fields you want to display in the Market Watch window.



This window contains all types of information available in the Market Watch window.

You can select the desired information by clicking on the corresponding fields in this window.

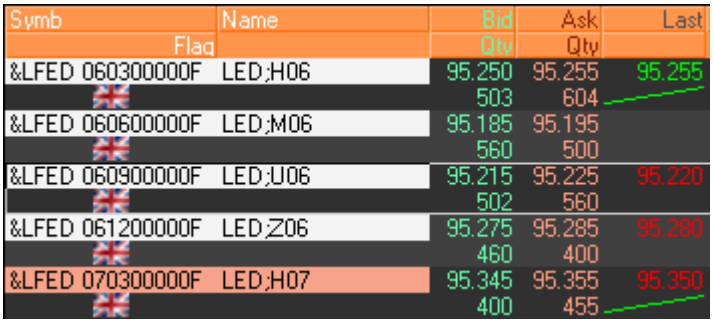
You can also change the field order horizontal display. To change the order of data, click, then drag and drop the item you want to move to its new position.

The **S** field is used for inserting a separation line between the columns of the Market Watch window.
To add a separation, click in the **S** field between the two titles you want to separate.
To remove a separation, click on the line in the **S** field.

The **Sort** field is used to sort data in an increasing or decreasing order. Click in the **Sort** field in front of the header to activate the sort functionality.
You can also set up this functionality directly in the Market Watch window by clicking on the appropriate column header.

The **FP** field is used to set a fixed position for the selected data when you are scrolling from left to right within the window. This makes the information always available.
To do this, click in the **FP** field in front of the data. An arrow is displayed.
To deselect a title, click in the **FP** field, on the line.

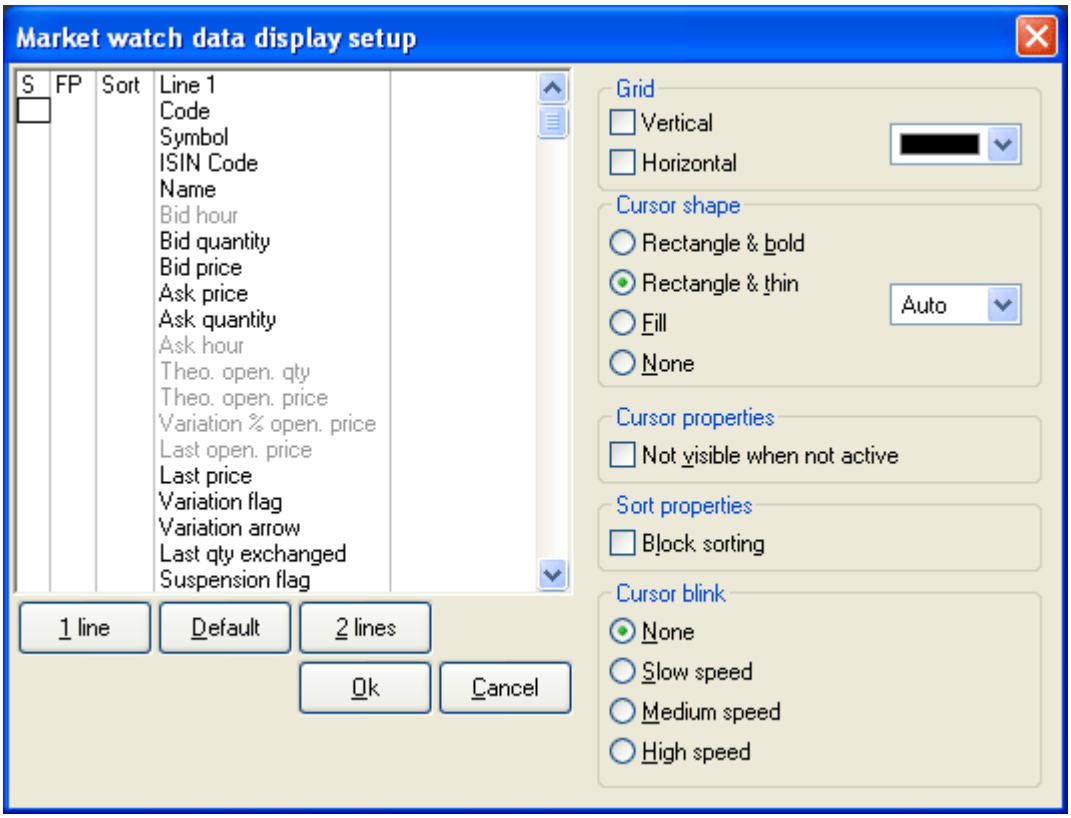
The **1 line** and **2 lines** buttons enable you to organize information into one or two lines respectively. A display on two lines can help you to clarify certain data by grouping the items together, as shown in the example below:



Position the mouse cursor over the items and drag and drop them to where you wish to place them.

A default location is suggested by GL WIN. To apply this default configuration, click on the **Default** button.

When you click on the **Style** button the following dialog box is displayed:



The **Grid** section enables you to add **Vertical** and/or **Horizontal** lines to the information display section of the Market Watch window.
The **Cursor shape** section enables you to select the type of cursor you wish to display, and the **Cursor properties** and **Cursor blink** sections enable you to define the properties of the cursor. The **Sort properties** section enables you to lock the sorting of the columns, meaning that it will no longer be possible to accidently spoil your selection by clicking on another header.

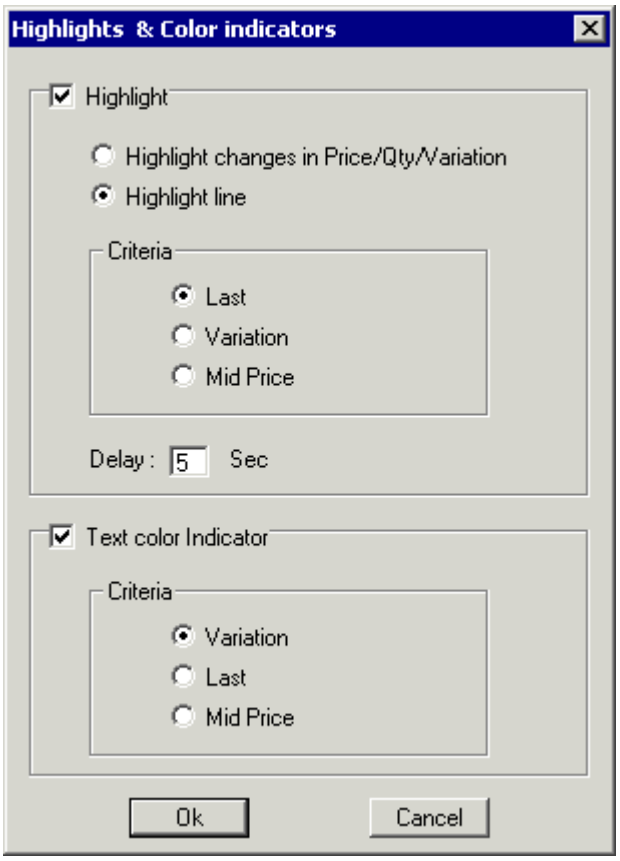
Click **Ok** to validate or **Cancel** to return to the initial configuration.

Highlighting

When this function is active, you can view the stocks being traded at a given time in the Market Watch window. These stocks appear temporarily highlighted.

To activate this function (and to turn it off), click on ***Display -> Highlighting***.

In the Market Watch window, the instrument name will be highlighted to inform you that a change has occurred (any market activity).
This function is also used in association with the ***Display -> Colors...*** function to highlight every increase or decrease of the **Bid** price, **Ask** price, **Last** price, bid **Qty** and offer **Qty** in the Market Watch window. The direction of the value modification is specified by a specific color.



From this dialog, you can select from the following options:

- Turn off highlighting features
- Highlight changes in individual cells
- Highlight the entire line when new information comes in. This feature is configurable:
  - Background colour based on the last price
  - Background colour based on the Variation
  - Background colour based on the Mid Price
- Turn on or off the text colour indicators (can also be configured to monitor the last, the variation or the mid price)

Note: When in Highlighting Line mode, the chosen field movement will result in the background colour of the entire line being modified to reflect the direction of the change. The length of time for the highlights to be displayed can also be set in this dialog (in the Delay box).

Show/Hide Title and Menu

This functionality displays or hides the menu bar, thus saving space on your desktop and removing unnecessary information.
To show/hide the menu bar, you can also double-click in the center of the window.

Show/Hide data title

This function displays or hides the titles in the displayed window.

Show/Hide total line

This function displays or hides totals of the selected fields (volume, variance, etc.) in the displayed window.

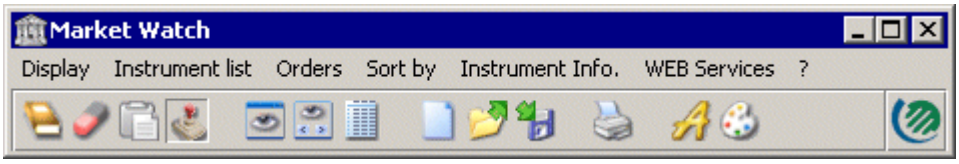
Show/Hide scroll bars

This function displays or hides the scrollbars in the displayed window.

Show/Hide button bar

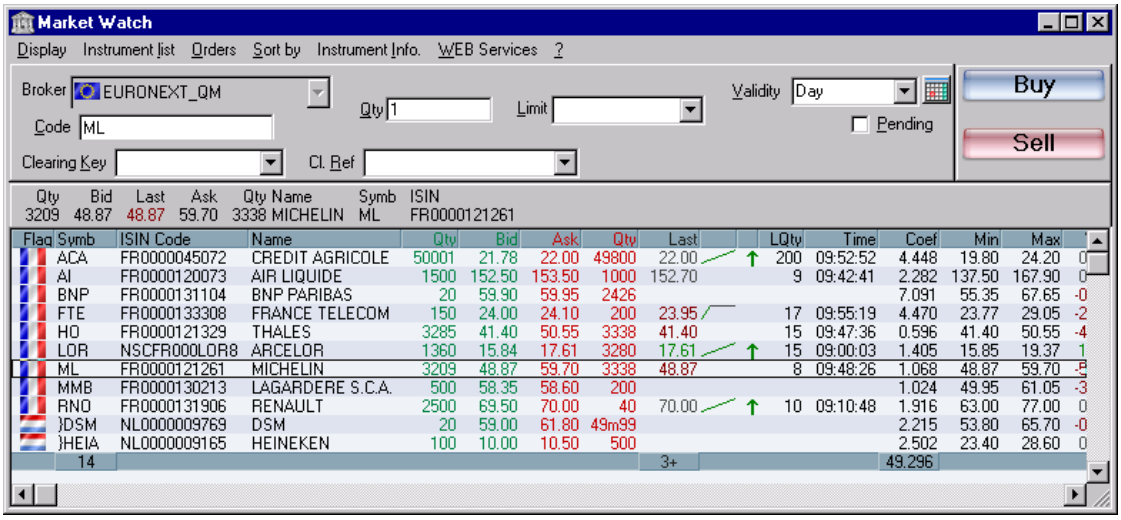
This function displays or hides the icon bar.
The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities you can also access through the window menus.

Market Watch icon bar:



Show/Hide Entry Box

This function displays or hides a simplified embedded Entry Box at the top of the Market Watch window.



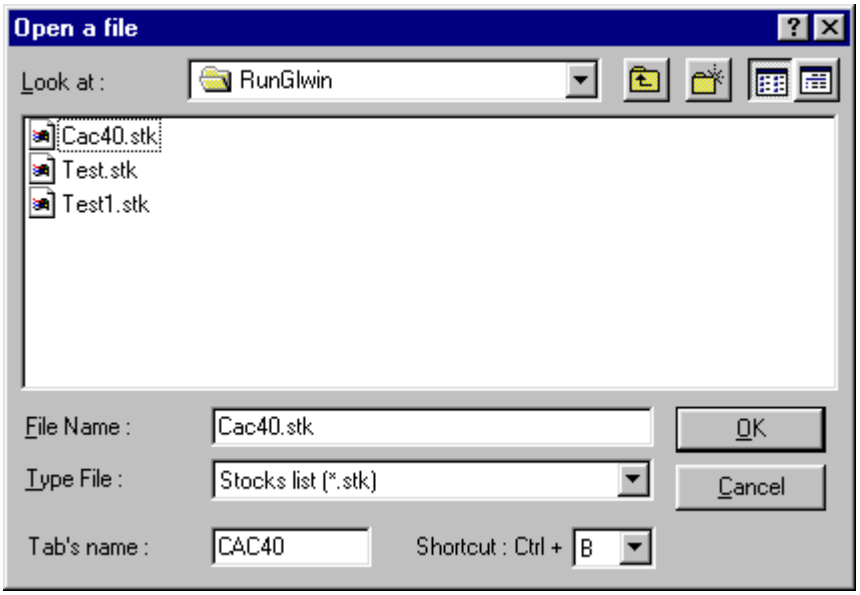
Tabs

The ***Tabs*** sub-menu enables you to add, delete or rename a tab or modify the position of tabs.
Tabs are used to create rapid access to lists of instruments.

- Add Tab
- Delete Tab
- Modify Tab
- Tabs position

Add Tab

The *Add a Tab* function displays the following dialog box:



Select a `.stk` list previously created and saved through the ***Save list...*** function.
Enter the name of the tab in the **Tab's Name** field.
You can select a shortcut from the list associated with the **Ctrl +** field.
Then, click on **OK** to create the tab or on **Cancel** to exit the function.

Delete tab

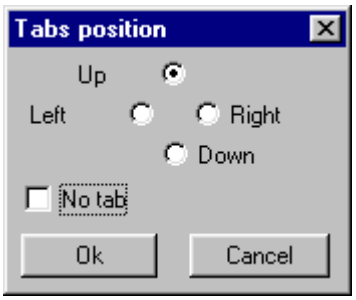
Erases the selected tab.

Modify tab

Enables you to rename the selected tab, change the list linked to the tab or change the shortcut.

Tabs position

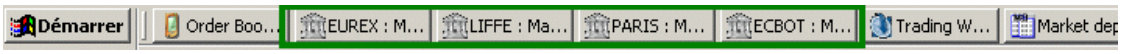
You can position created tabs with this function. The Tabs position dialog box includes four positions represented by radio buttons. You can choose an up, down, left or right position. You can also decide to display no tab at all by selecting the **No tab** option.



Click on **Ok** to validate or on **Cancel** to quit.

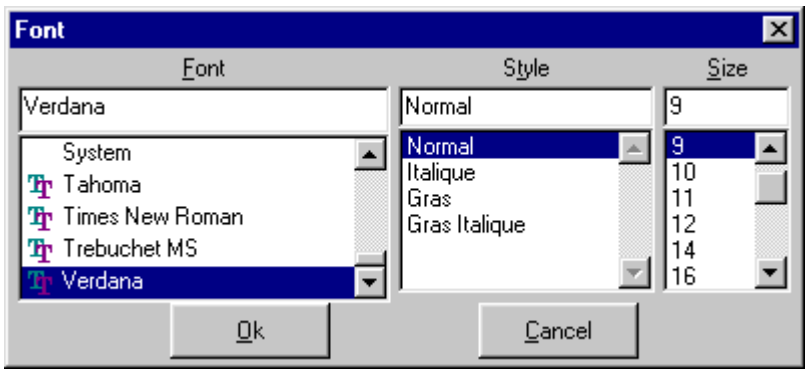
Title

The ***Title*** sub-menu enables you configure the Market Watch title bar. You can add the name of the instrument list (.stk file) or the tab name. There is also an ***Invert title*** option which enables you to display the chosen title name rather than the name of the window (Market Watch). This can be useful in that the tab/.stk file name becomes easily visible in the Windows bar at the bottom of the screen.



Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.

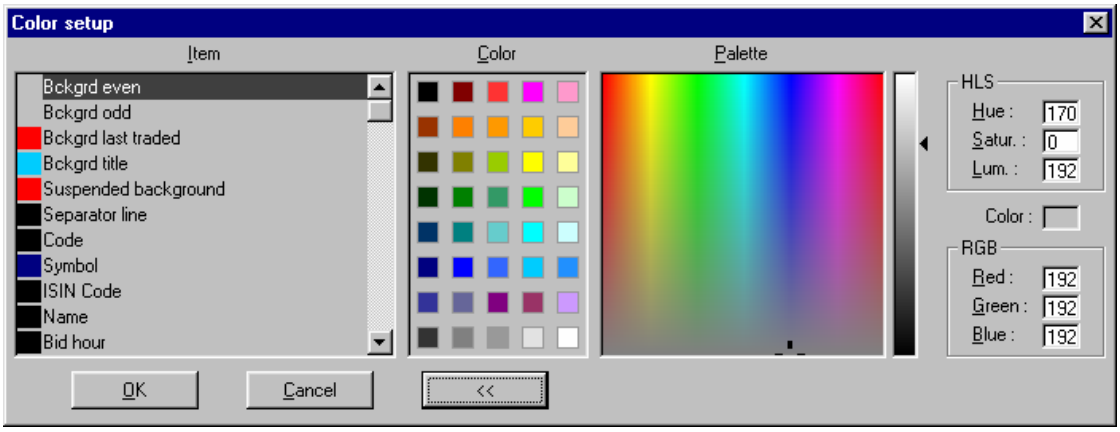


Select the font from the **Font** list.
Select the style from the **Style** list.
Select the size from the **Size** list.
Use the vertical scroll bar to display all the available values.
You can also directly enter the name of the font, the name of the style or the size number in the respective text fields.

Click on the **Ok** button to validate or on the **Cancel** button to return to the previous configuration.

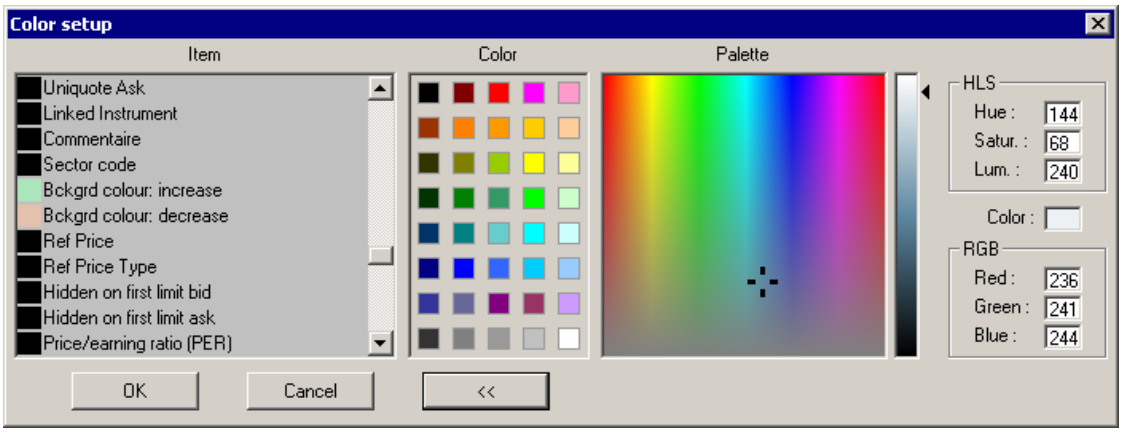
Colors…

Modifies the color and background of windows and highlights certain information.



In the **Item** list, select the window information to be modified and in the **Color** palette, click on the color to be associated with that information. You can adjust the selected color via the **Palette**.

In the following example, the selected colors for the **Bckgrd colour: increase** and **Bckgrd colour: decrease** items will highlight any increase or decrease of value in certain fields of the Market Watch window. It is also possible to change the text color for increases and decreases.



Click on **OK** to apply your modifications or on **Cancel** to return to the initial display.

Print…

Prints the active window.

The Print function displays the Print dialog box.

Printer
In the Printer pane, select the printer you want to use. The list contains all available printers.

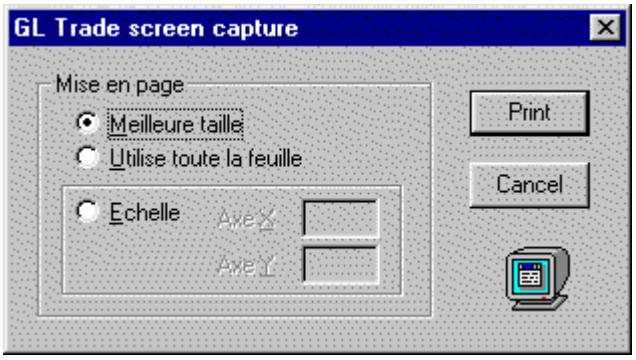
Properties
Click on this button to display the properties of the selected printer: the dialog box which is displayed varies with the type of printer.

Selection
In the bottom left pane, you can select the pages you want to print.

Copies
You can choose the number of copies by clicking on the spin buttons in the **Copies** pane.

Click on **OK** to print or on **Cancel** to exit.

To print the whole screen, press PrintScreen and **Ctrl 9**.
The following window can be visualized:



It enables you to adjust the print parameters.
If you tick the **Best size** radio button, the displayed screen will be printed in the maximal size without undergoing any deformation.
If you choose to use the whole sheet, the displayed screen will be printed on the whole page and can be distorted.
If you want to define the size of the screen to be printed, tick the **Scale** radio button and enter the X and Y dimensions of the document to be printed.

Click on **Print** to execute the operation or on **Cancel** to exit.

Quit

(Alt F4)

Exits the Market Watch window.

The Instrument List menu

This menu enables you to perform the following functions:

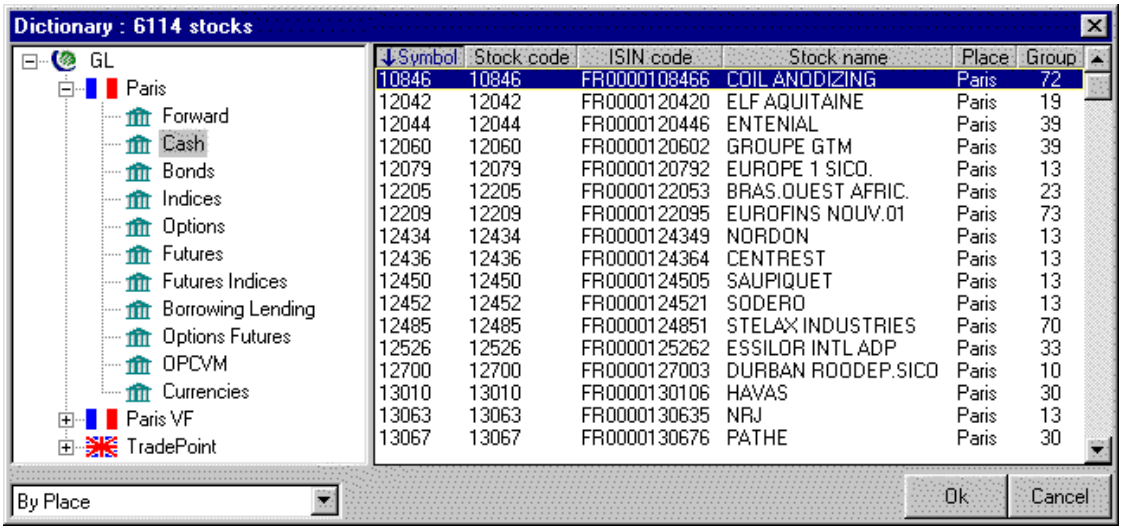
- Dictionary
- Delete
- Paste
- Clear list
- Link instrument
- Display linked instruments
- Linked best prices
- Show own 1st limit
- Open list
- Save list
- Regular expression

Dictionary...

(Insert)

Note that if you are using GL WIN version 5.80 or higher, you can use the V5 dictionary.
This utility is available with most GL WIN modules through the **Insert** key or with the ***Instrument List*** or ***Display*** menu depending on the displayed window.
Every day, the dictionary is built automatically at the first GL STREAM WS connection with the SLC (Server Link for data Collection).
You can export the dictionary contents to Microsoft Excel by using **Ctrl + Alt + Insert** from the Dictionary window.

The below dictionary contains all listed instruments. The main section of the dictionary displays the list of stocks present on all the markets defined in the *GLflux.ini* file.



The instruments in the dictionary are sorted by place or by market. You can select the desired option in the bottom left field.

Selecting one instrument from the Dictionary

Selecting several instruments from the Dictionary
Selecting several groups of instruments without using the Dictionary

Selecting one instrument from the Dictionary:

In the right area of the window, click on any instrument and click on **OK** or press **Enter** to validate.
The selected instrument is displayed in the Market Watch window.

Selecting several instruments from the Dictionary:

Consecutive instruments:
Click on the first instrument, then press **Shift** and click on the last instrument at the same time.
Selected stocks are highlighted.
Press **Enter** to validate and display these instruments in the Market Watch window.

Non consecutive instruments:
While pressing **Ctrl,** click on every instrument you want.
Selected instruments are highlighted.
Press **Enter** to validate and display these instruments in the Market Watch window.

The mnemonic codes do not belong to any international standard. So, certain instruments can have the same mnemonic code on different markets. To differentiate places, the dictionary uses a mechanism that applies a prefix to every place. This prefix is an alphanumeric character specific to each place.

Selecting several groups of instruments without using the Dictionary:

You can load several groups of instruments by activating the ***Instrument list -> Regular expression*** option and by entering the following commands in the insertion line of the Market Watch window:

Function	Command	Examples
Loading a group of instruments	*(prefix)* G$*groupnumber* + Enter	**G$01** loads all CAC40 instruments on the EURONEXT market in a configuration without prefix for Paris. **>G$A0** loads all BEL20 instruments on the EURONEXT market in a configuration with the prefix **>** for Brussels.
Loading an `.stk` file	$stk*filename* + Enter	**$CAC40** loads all the instruments saved in the file named **CAC40.stk.** (This command only works if the list is saved in the current GL STREAM WS directory). Remark : if you type "$" + Enter, the current list is cleared. *Note: that you can also simply drag and drop an .stk file directly into the Market Watch from Windows Explorer.*
	$ + Enter	The current **.stk** list is cleared.
Loading a single instrument	*(prefix) instrumentcode* + Enter	**FTE** loads the instrument FRANCE TELECOM in a configuration without prefix for Paris. **>SOLP** loads the instrument SOLVAY in a configuration with the prefix **>** for Brussels.
Operator	**+ (plus)**	
Loading several groups of instruments	G$*groupnumber* + G$*groupnumber*	**G$01 + >G$A0** loads all the instruments of the CAC40 index (Paris with no prefix) and BEL20 index (Brussels with the prefix >)

Function	Command	Examples
	+	
Loading several lists of instruments	$stk*filename1* + $stk*filename2* + ...	**$CAC40 + $BEL20** loads all the instruments of the CAC40.stk and BEL20.stk files present in the current directory.
Loading several instruments	*inst1* + *inst2* + ...	**FTE + >SOLP** loads FRANCE TELECOM and SOLVAY instruments.
Combination		**G$01 + $BEL20** loads the group 01 and the file BEL20.stk **G$01 + $BEL20 + SAX** loads the group 01 (with no prefix), the list BEL20.stk and the ATOS ORIGIN instrument (with no prefix) at the same time.
Operator	**- (minus)**	
Loading a group/list except a specific group/instrument		**$ALL - >GA0** loads the ALL.stk list except the instruments from group A0 (with the prefix >). **G$01 - $TEL** loads the 01 group (with no prefix) except the instruments of the list TEL.stk. **>G$A0 - $TEL - >SOLP** loads the A0 group (with the prefix >) except the instruments of the TEL.stk list and except the SOLVAY instrument (with the prefix >). *Note: To remove any instrument with a symbol containing the "-" character from the list to be loaded, enter this symbol in quotation marks. Ex: G$ - "XX-X"*
Combination of + and -		**G$01 - $TEL + >G$A0 - >SOLP - FTE** loads the 01 group (with no prefix) and the A0 group (with prefix >) except the instruments of the TEL.stk list and the instruments SOLVAY (with prefix >) and FRANCE TELECOM (with no prefix).
Operator	**? (substitution character)**	**FT?** loads all the instruments of the market, without a prefix and with a name of 3 letters beginning with FT. **G$?1** loads all market groups without prefix with a name of 2 letters ending by 1.
Operator	**' (comment)**	You can enter a line of comments before any instrument in the Market Watch window. **' FRANCE**

Note: A separate flux for ICAP is available from GL TRADE, providing visualisation of ICAP instruments through the GL WIN Market Watch. For more information please refer to your local GL TRADE representative.

Delete

(Del)

The **Delete** function enables you to delete the selected stock.
Right-click on the appropriate stock and press **Delete** on the keyboard.

Paste

An instrument selected with a mouse drag action (the selected element is the Symbol) in the Alerts or Market Depth windows can be pasted in the Market Watch window with this function.

You can also paste the instrument through a right click and then select ***Instrument -> Paste***.

Clear List

(Ctrl + Del)

Clears the list of instruments displayed in the Strategy Watch window or in the active tab. Nevertheless, you can open the cleared list using the ***Open List...*** function.

Link Instrument…

Uniquote is a functionality added to the Market Watch window, which unites market prices for identical instruments that are quoted on more than one trading platform (instruments are only compared when they are still active on the market). Using Uniquote, an instrument is linked with identical instruments from other markets and the following information is given:

- The best price
- A flag indicating a competitive price

Electronic trading platforms are eroding exclusive rights of the exchanges to domestic contacts.
You can choose Uniquote buy and Uniquote Sell and place them on either side of the Bid and Offer.

You can also select ***Link instrument...*** if a symbol is required to denote that a stock is linked.
This will help distinguish linked instruments from single instruments.

Select the preferred first instrument from the dictionary in the normal way. This first instrument will be the instrument that is used for all data in the Market Watch and for piloting other GL WINdows such as Market Depth.
Then link the first instrument with an instrument from another market.

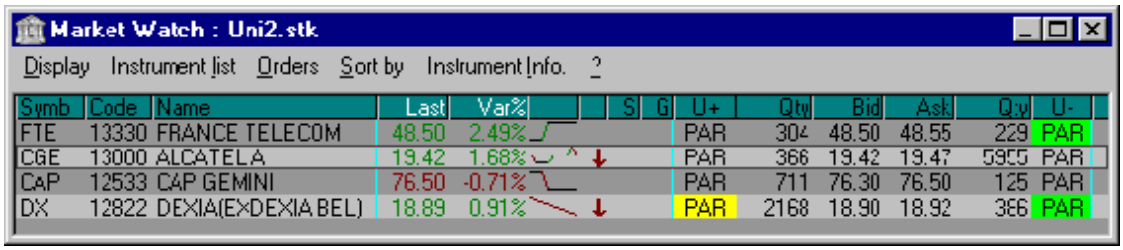
Display Linked Instruments…

Displays the value links of one instrument on several places (used with Uniquote).

The **Add** button calls the dictionary and enables you to add an instrument.
The **Delete** button enables you to erase the selected instrument.
Click on **OK** to validate the selected transaction.

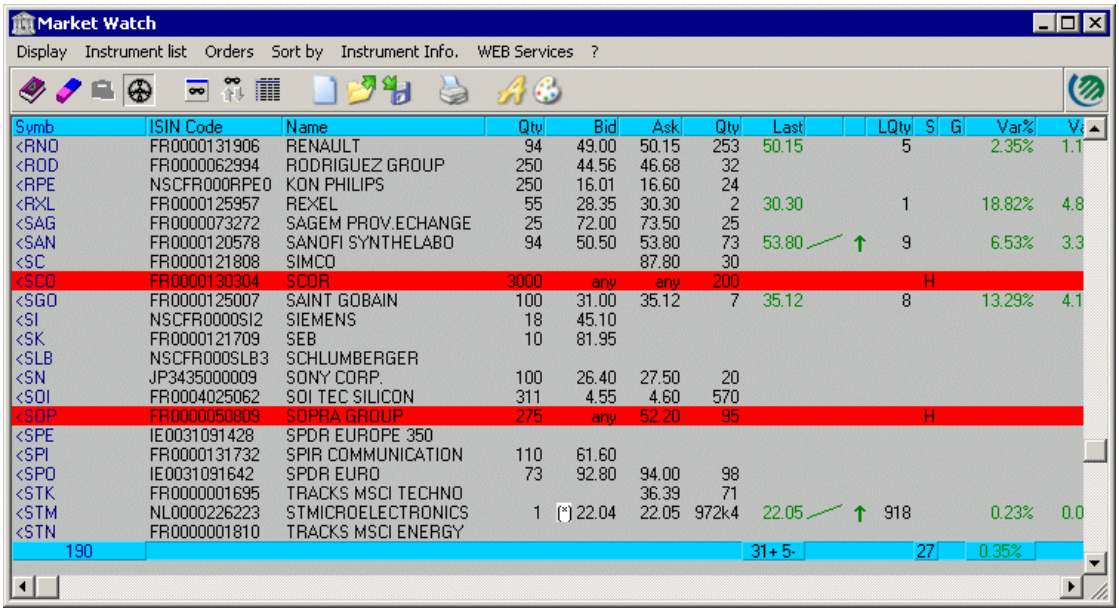
Linked Best Prices

Displays the name of the place where you can get the buy/sell best prices for an instrument (used with Uniquote).


Market Watch : Uni2.stk
Display Instrument list Orders Sort by Instrument Info. ?
Symb Code Name Last Var% S G U+ Qty Bid Ask Qty U-
FTE 13330 FRANCE TELECOM 48.50 2.49% PAR 304 48.50 48.55 229 PAR
CGE 13000 ALCATEL A 19.42 1.68% PAR 366 19.42 19.47 5955 PAR
CAP 12533 CAP GEMINI 76.50 -0.71% PAR 711 76.30 76.50 125 PAR
DX 12822 DEXIA(EXDEXIA BEL) 18.89 0.91% PAR 2168 18.90 18.92 366 PAR

Show own 1st limit

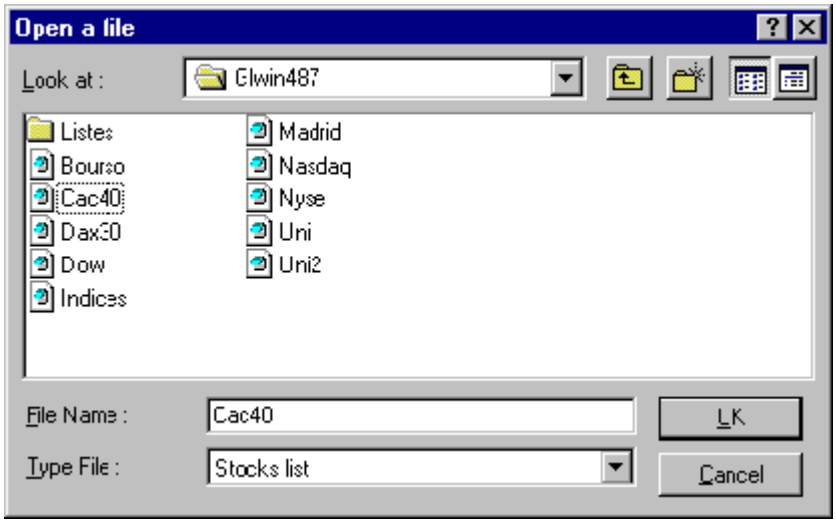
Indicates via a star (*) whether your own orders have reached the first limit price.


Market Watch
Display Instrument list Orders Sort by Instrument Info. WEB Services ?
Symb ISIN Code Name Qty Bid Ask Qty Last LQty S G Var%
<RNO FR0000131906 RENAULT 94 49.00 50.15 253 50.15 5 2.35%
<ROD FR0000062994 RODRIGUEZ GROUP 250 44.56 46.68 32
<RPE NSCFR000RPE0 KON PHILIPS 250 16.01 16.60 24
<RXL FR0000125957 REXEL 55 28.35 30.30 2 30.30 1 18.82%
<SAG FR0000073272 SAGEM PROV.ECHANGE 25 72.00 73.50 25
<SAN FR0000120578 SANOFI SYNTHELABO 94 50.50 53.80 73 53.80 9 6.53%
<SC FR0000121808 SIMCO 87.80 30
<SCO FR0000130304 SCOR 3000 any any 200 H
<SGO FR0000125007 SAINT GOBAIN 100 31.00 35.12 7 35.12 8 13.29%
<SI NSCFR0000SI2 SIEMENS 18 45.10
<SK FR0000121709 SEB 10 81.95
<SLB NSCFR000SLB3 SCHLUMBERGER
<SN JP3435000009 SONY CORP. 100 26.40 27.50 20
<SOI FR0004025062 SOI TEC SILICON 311 4.55 4.60 570
<SOP FR0000050809 SOPRA GROUP 275 any 52.20 95 H
<SPE IE0031091428 SPDR EUROPE 350
<SPI FR0000131732 SPIR COMMUNICATION 110 61.60
<SPO IE0031091642 SPDR EURO 73 92.80 94.00 98
<STK FR0000001695 TRACKS MSCI TECHNO 36.39 71
<STM NL0000226223 STMICROELECTRONICS 1 (*) 22.04 22.05 972k4 22.05 918 0.23%
<STN FR0000001810 TRACKS MSCI ENERGY
190 31+ 5- 27 0.35%

*Note: To visualize this flag, add the parameter **Cache=O** in the relevant SLE server section of the glflux.ini configuration file*

Open List…

The ***Open list...***function loads a list of instruments that has been previously created.



Select the list of stocks to be loaded (.STK file) from the appropriate directory.

If you know the file name of the list you want to open, you can enter it in the **File Name** text field.

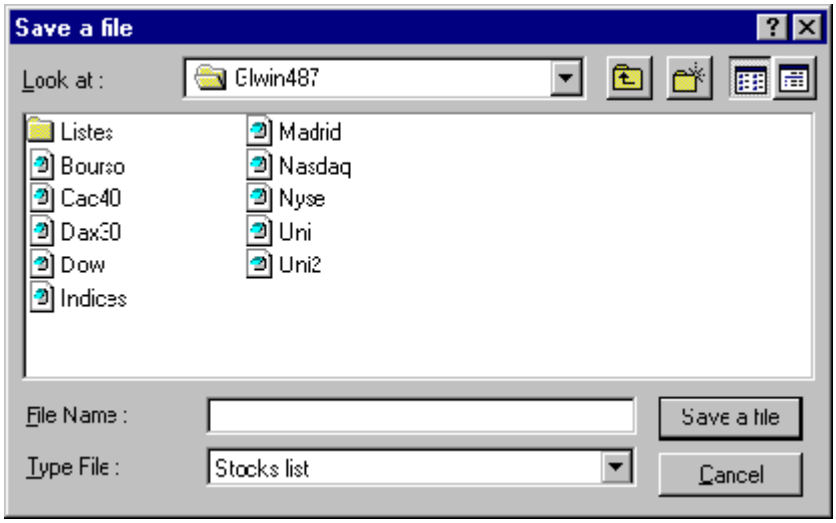
The **Type File** field displays the available types of files:

- Stock list
- List by dictionary

The corresponding files are displayed in the main area.
You can retrieve lists saved on the network, in a directory of another PC.
Select the appropriate file and click on **Ok** to load it in the Market Watch window or on **Cancel** to exit.

Save List...

The ***Save list...*** function creates a file including the instruments that have been previously selected in the Market Watch window, or the instruments of the active tab. A file cannot contain more than 250 stocks.



To save a list, enter its name in the **File Name** field.
The **Type File** field displays the different types of files available. Select the appropriate option.

Press **Enter** or click on **Save a file** to validate. Click on **Cancel** to exit.

You can open the saved list using the ***Open List...*** function.

Regular Expression

Select this option if you want to load several groups of instruments in the Market Watch window without using the Dictionary.
You must activate this option to implement the instrument insertion commands.

The Orders Menu

See the Order Book and Entry Box presentations.

This menu is displayed only if you are connected to a SLE (Server Link to Exchange). The SLE is the server used to send orders to the Exchange and receive acknowledgments.
This menu includes the following functions:

- Buy
- Sell
- Take
- Hit
- Care Order Buy
- Care Order Sell
- Cross
- Global Order View = Order Book Filter
- Execution History = Trading Watch Filter
- Order Status
- Contribute
- Trade Report Buy
- Trade Report Sell
- Trade Report Cross

The Sort By menu

This menu includes the following sort functions:

Function	Description
Nothing	sorts instruments chronologically as they are displayed by default in the Market Watch window.
Code	sorts instruments by code, in the code increasing order.
Symbol	sorts instruments by symbol, in alphabetical order.
Name	sorts instruments by name, in alphabetical order.
Expiration	sorts instruments by date of expiration, in increasing order.
Weight in Index	sorts instruments by weight in index, in decreasing order.
Group number	sorts instruments by group.
Variation	sorts instruments by variation, in decreasing order.
Capital exchanged	sorts instruments by capital exchanged, in decreasing order.

Function	Description
Qty of Day	sorts instruments by quantity/day, in decreasing order.
Influence in Index	sorts instruments by influence in index, in decreasing order.
Total Call/Put	sorts instruments by total call/put, in decreasing order.
Nb Messages	sorts instruments by number of messages, in decreasing order.
Last Move	sorts instruments by last move, in reverse chronological order.
Theo Open Var	sorts instruments by theoretical opening variation, in decreasing order.
Active Instrument Filter	sorts active instruments.

The Instrument Info menu

This menu provides you with direct access to certain GL WIN functions supplying additional information about the stock on which the cursor is positioned (you can also access these functions via the GL Deskbar).

- Instrument summary
- Characteristics
- Technical analysis
- Historical
- Web histo
- Intraday
- Time & Sales
- Market depth
- Options
- Spread Matrix
- Stock Insight

Instrument Summary

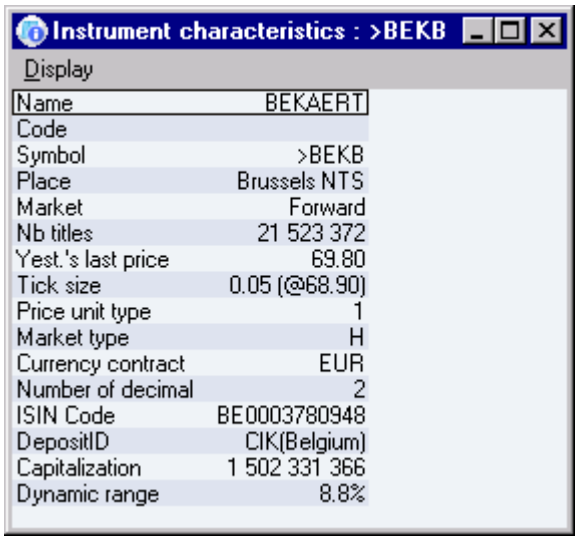
(F3)

For detailed information, see the Instrument Summary window.

Characteristics

(Shift F9)

The Instrument characteristics window contains the main types of information available for a selected instrument.
To change the instrument, simply specify the instrument symbol or instrument code and press **Enter**, or use the Dictionary (**Insert** key).
This window may be controlled by the Market Watch window.
As opposed to the Market Watch, Instrument Summary or Market Depth windows, you cannot configure the contents of this window.
The **Tick size** is managed dynamically according to the last price, as on certain exchanges this figure can change several times during a trading day.



Technical Analysis

(**Alt F10**)

Launches the Technical Analysis (GL CHARTS) window with the data for the underlying instrument displayed.

*Note: This window is described in a stand-alone documentation, and is available directly from the Help menu in the window. It is also available on the **GL TRADE.net** site.*

Historical

(Ctrl F10)

For detailed information, see the description of the Historical window.

Web Histo

This function is available if you have subscribed to the appropriate package. It provides you with direct access to historical data via the **GLTRADE.net** website.
In the Market Watch window, click on an instrument and then select the ***Instrument Info -> Web histo*** function.

Through GL TRADE.net, you can see the graphs corresponding to the chosen instrument for the following European and American Cash markets :

- EURONEXT Amsterdam, Brussels and Paris
- Frankfurt XETRA
- London SETS
- VIRT-X
- Zurich
- Stockholm
- NASDAQ
- NYSE

- AMEX

Intraday

(F10)

For detailed information, see the description of the Intraday window.

Time and Sales

(Shift F10)

For detailed information, see the description of the Time & Sales window.

Market depth

(Ctrl F3)

For detailed information, see the description of the Market depth window.

Options

(Ctrl Enter)

For detailed information, see the description of the Options window.

Spread Matrix

(Alt+Enter)

If you select a future and choose Spread Matrix, the GL SPREADMATRIX opens with the underlying instrument and all its delivery dates already filled in the matrix.

Stock Insight

(Alt 0)

Displays a web services overview of the instrument selected in the Market Watch window.
This information is visualized in a piloted browser which can be saved on your desktop.

The WEB Services Menu

Note: This menu is available only if you have subscribed to the appropriate package.

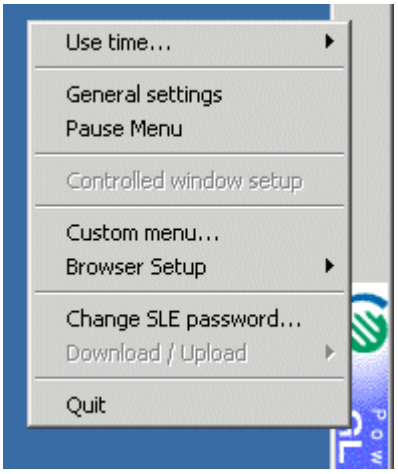
The Web Services information is displayed in a Mini-Browser window and any changes to it (height, width...) are saved along with the `.bgl` desktop files.
It enables you to access the major information about an equity: consensus, stock characteristics, estimates, key financial data, company profile, economical calendar, etc.
The functionalities of this menu cover all the equity markets worldwide with over 18000 instruments and companies in Asia, Europe and the United States of America. This data is provided by **Standard & Poor's** and the **JCF Group**, two well-known and recognized references among financial professionals.
Press Releases are provided by **CompanyNews Group**, the leading company news distribution agency in Southern Europe.

Use this menu to execute the following functions:

- Profile and estimates
- Economical and events calendar
- Related News
- Related Press Releases
- Related Analysis
- Online Dictionary

Automatic Logon to GLTRADE.net

To be automatically logged with your personal Username and Password to the **GLTRADE.net**, right click the GL TRADE logo on the GL Deskbar:



Select the ***Username and Password...*** function, the following screen appears:

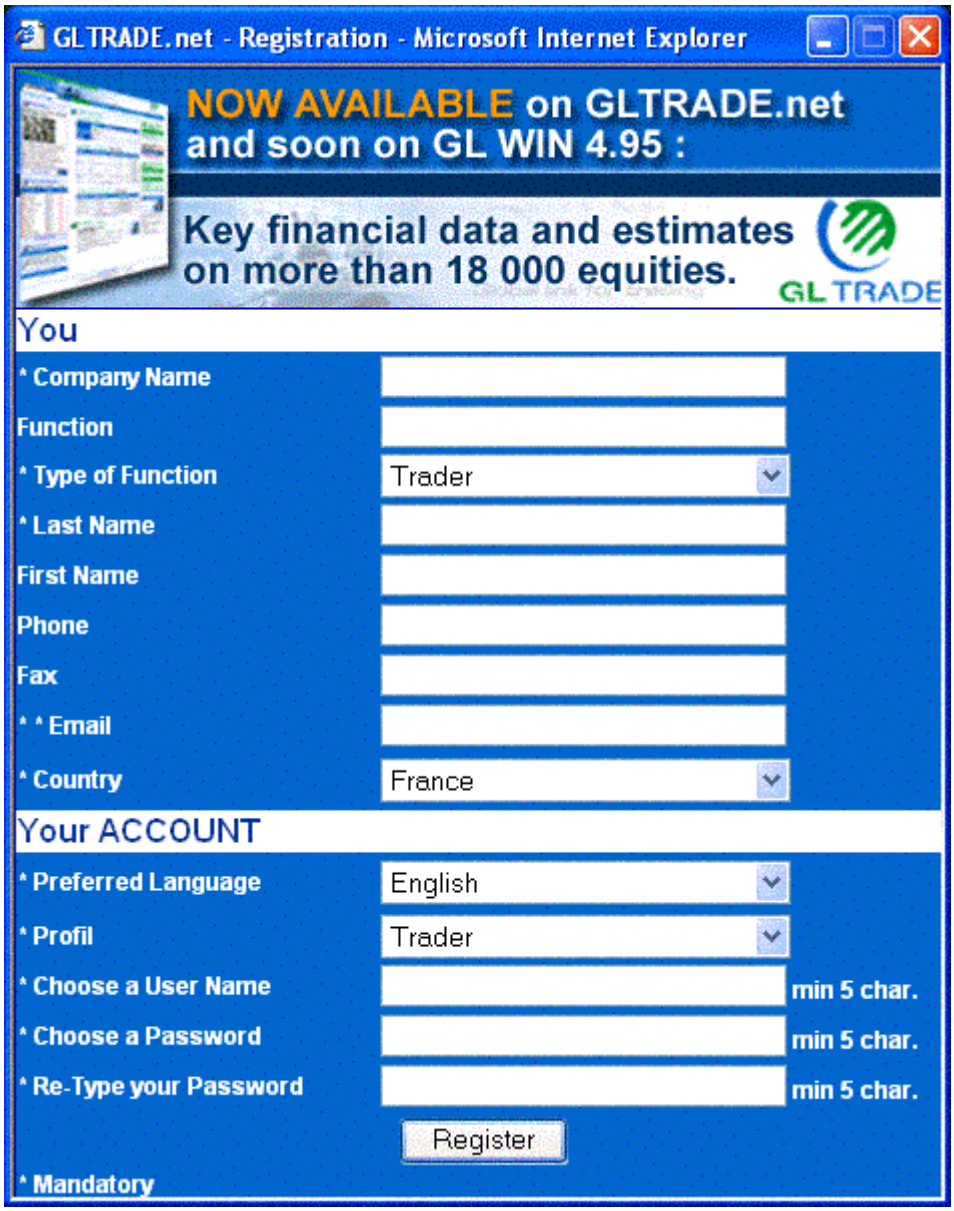
Modify your **Username** and **Password,** then click on **OK** to validate.
Finally, close the session and restart it.

*Note: The **Browser Setup** function enables you to configure the access to the **GLTRADE.net** website via Microsoft Internet Explorer (available on your PC).*

Creating an Account to access the GLTRADE.net

To access the **GLTRADE.net**, double-click the GL Trade logo available on the GL Deskbar:

The Registration window is displayed:



In the **Company Name** field, enter the name of your company, and in the **Function** field your job title.

Choose your function type from the drop-down list. Enter your **Last Name**, **First Name**, **Phone** and **Fax**.

Select the **Country** from the drop-down list.

Concerning your account, select the language in the **Preferred Language** field. Then select the profile type (for instance : *trader*) from the **Profil** drop-down list.

In the **Choose a user Name** field, enter your User name with a minimum of 5 characters, then enter a Password of your choice and re-enter it.

Click the **Register** button to create your account.

*Note: The Registration window only appears the first time you double-click the GL TRADE logo on the GL Deskbar. You will then be directly connected to the **GLTRADE.net**.*

Once you have registered, you will receive your personal login and password by e-mail.

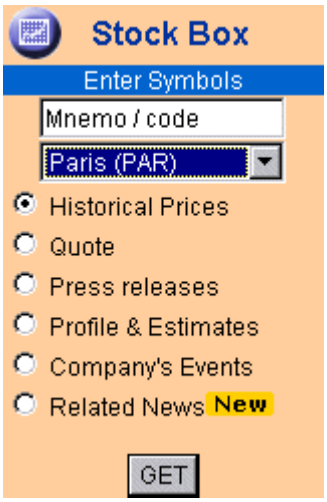
Profile and Estimates

(Alt 1)

Pick a stock from the Market Watch window and after you have selected this function, the system connects to the **GLTRADE.net** website and displays the stock information.
Profile & Estimates offers direct and accurate information for each stock including:

- Market analyst opinions and estimates including the 3 months revision
- Major statistics on financial instruments (stock performances and stock characteristics)
- Main ratio of the balance sheet
- An exhaustive company's profile

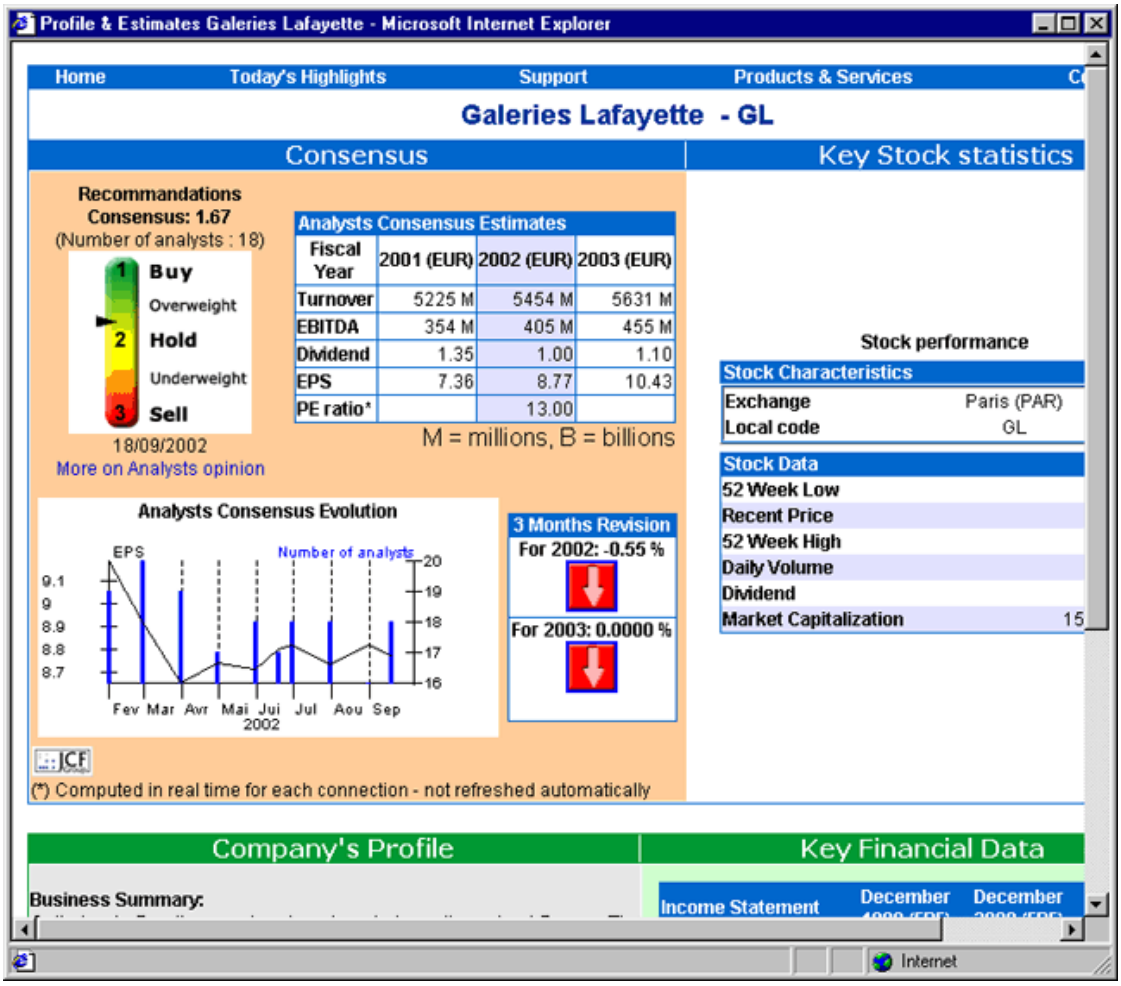
Profile & Estimates is provided in collaboration with Standard & Poor's (CompuStat) and JCF Group and covers over 18,000 instruments & companies on European, US and Asian markets.
From this website, you can also display the same information from the following stock box:



*Note: The Stock Box is accessible via the **Home** and **News Center** sections.*

You can also use the ***World Market Quotes -> Profile and Estimates*** function via the News Center section in the lower left side of the screen. The following box appears:

Enter the instrument mnemo or code, select a market and click the **ENTER** button.
This function is also accessible via the Mini-Browser.



*Note: You can also access directly the historical data via the GL Mini-Browser by selecting the **Profile & Estimates** section.*

Equity Information Contents

Consensus Information

- Consensus Recommendations
- Major Estimates : Turnover, EBITDA, EPS, PE Ratio
- EPS Revision

Key Stock Statistics

- 52 Week Low
- Recent Price
- 52 Week High
- Daily Volume
- Annual Dividend
- Market Capitalization
- Exchange

Business Summary

Financial Data on 3 fiscal years

- Turnover
- EBITDA
- Net Income
- ROA
- ROE
- Current Ratio
- Debt on Equity

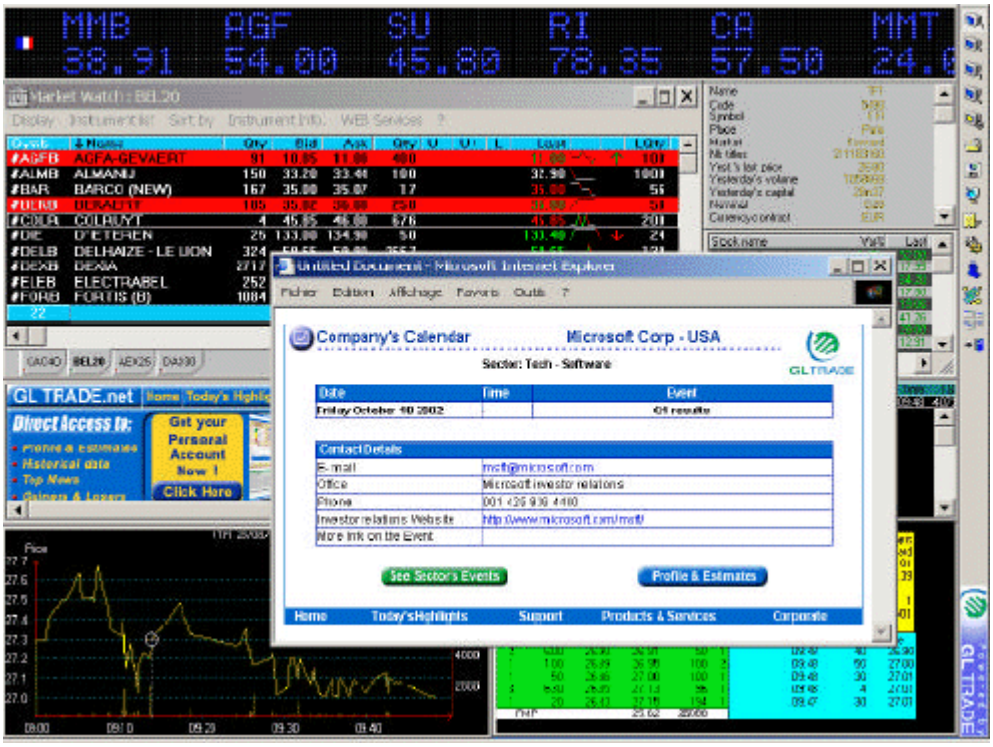
Economical and Events Calendar

(Alt 2)

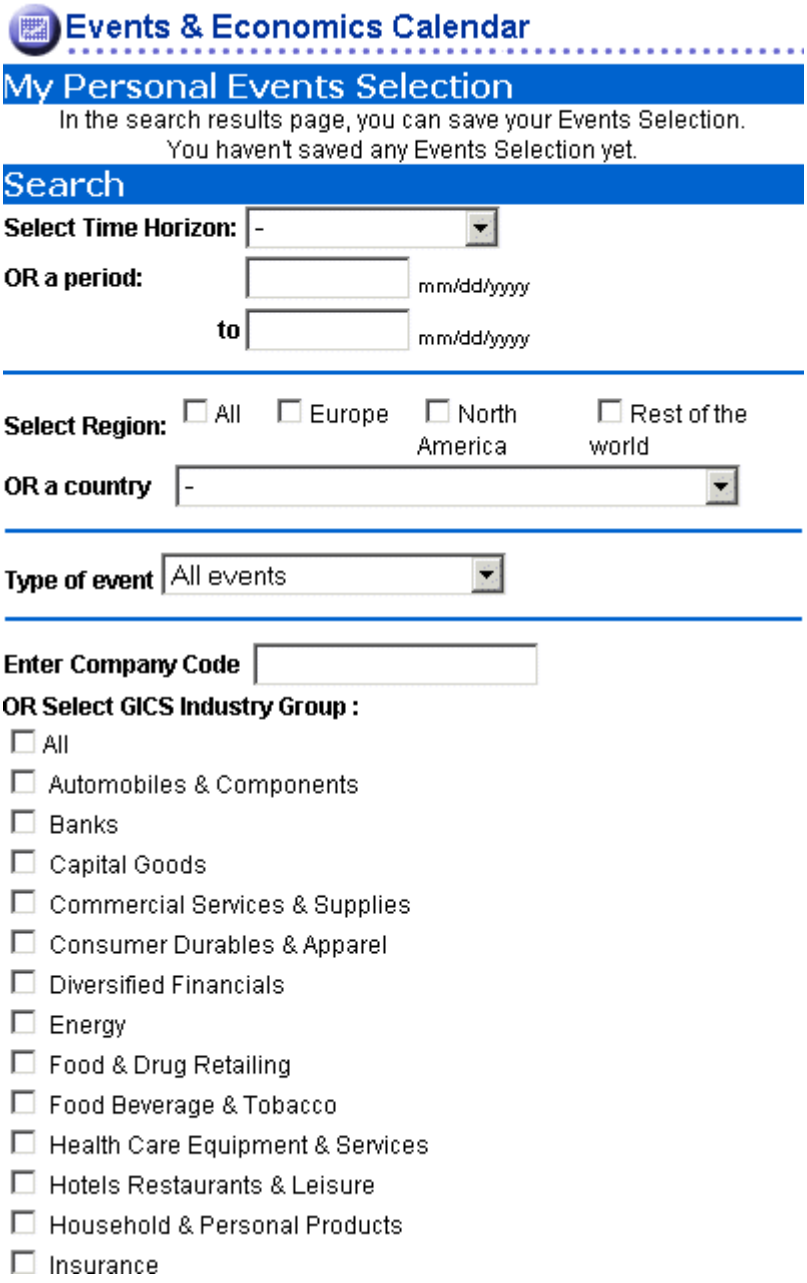
Pick a stock from the Market Watch window and after you have selected this function, the system connects to the **GLTRADE.net** website and displays the appropriate information: dates of general meetings, coupon issuing and payable dividends.
This offer is available in association with Standard & Poor's Investments services. It provides a complete vision of all essential events - economics, companies events, politics and sports.
Through the **Economical and Events calendar** you have access to :

- Corporate events
- Agendas general meetings
- Dividend payable
- Coupons
- Results

This calendar is built from the S&P Global 1200 index, which in turn is made up of 1200 stocks from six different regions of the world chosen on the basis of size, liquidity and sector representation.
The global index includes the famous S&P 500 index in the USA. In Europe, clients have the S&P Europe 350 - and 2300 additional stocks which provide a drill-down in all the major local markets. The service is offered in collaboration with **S&P Investment Services**.



You can also select the ***World Market Quotes -> Events calendar*** function in the News Center section. The following window appears:



In the **Search** section, select a **Time Horizon** or a **period**. You can then choose between a **Region** or a **Country**.

Select the type of event (for instance *Company - Result*), enter the **Company Code** or select a **Group**.

Finally, click the **Search** button. The following screen is displayed:

Note: This engine also appears in the Market Watch when there is no event for the stock on the Time Period selected.

Date	Company/Organisation	Country	Description	Details
2003-06-16	Kbc	BELGIUM	investor day	
2003-06-16	Allied Irish Banks	IRELAND	reduce their variable mortgage rate by 0.38%	
2003-06-16	Banco Zaragozano	SPAIN	final dividend	
2003-06-16	Allied Irish Banks	UNITED KINGDOM	reduce their business lending rate by 0.8% & their personal loan rate by 0.6%. The new rates are 8.5%... read more	
2003-06-18	Abn Amro Holding	UNITED KINGDOM	Analyst & Investor meeting - US Mortgage tutorial	
2003-06-18	Abbey National	UNITED KINGDOM	pre-close trading statement - interim	
2003-06-20	Bsch (Bco Santan. Centl	SPAIN	AGM - 1st call	

You can set up a personal event calendar to be saved under a chosen name. Enter the **Name of your Selection** and click the **Save your selection** button. Click the **Return to Search** button to go back to the previous screen.

Each user can save five different personal selections.

Calendar parameters can be easily selected by using a dedicated searching engine accessible via the GL Mini-Browser.

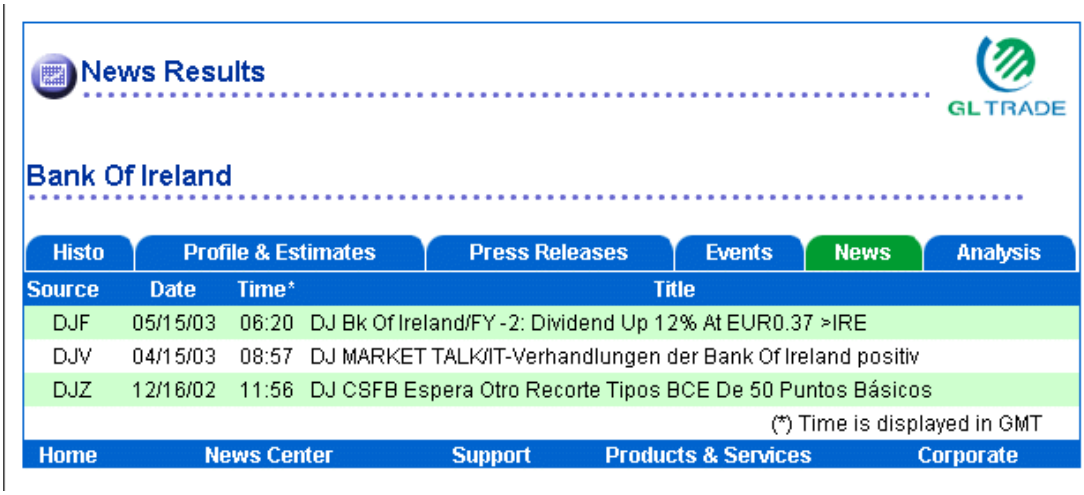
*Note: In order to save a personal selection, each user registered on the **GL TRADE.net** website must enter his personal username and password. For doing this, right-click on the GL TRADE logo in the GL WIN workstation GL Deskbar.*

Related News

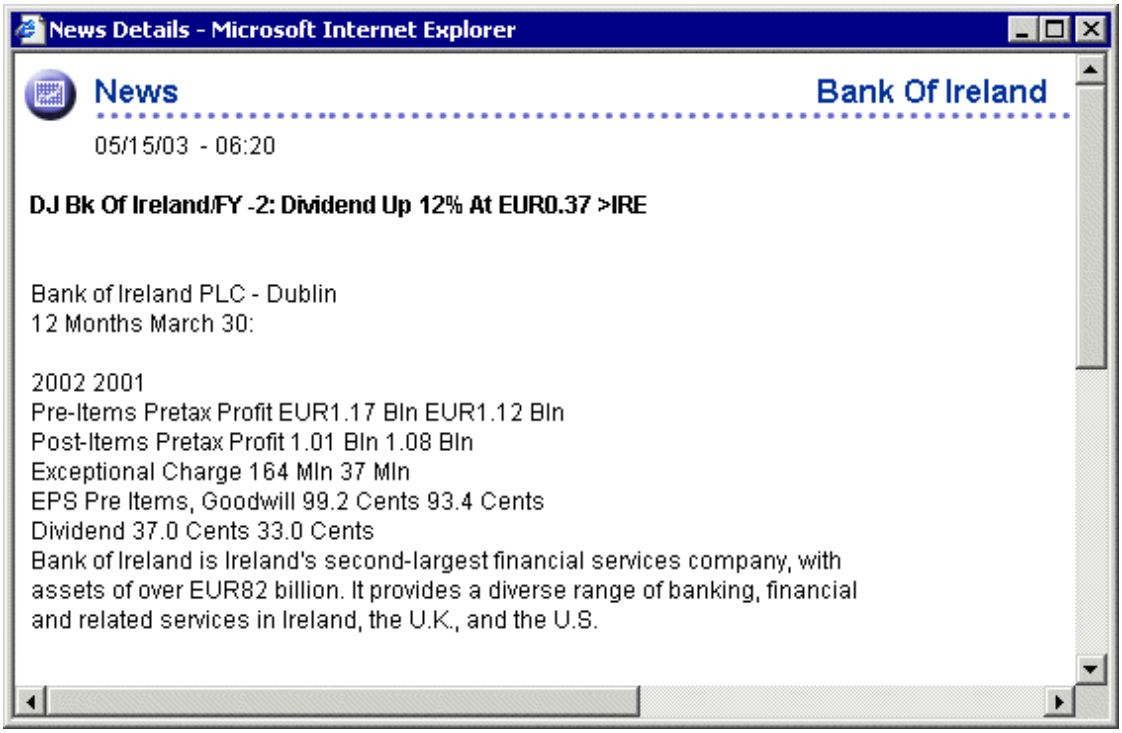
(Alt 3)

Extracts the news related to the selected stock.

You access the **Related News** via the Stock Box on **GLTRADE.net** or in the Market watch window by selecting the ***WEB Services -> Related news*** function. The following screen appears:



To display the news detail window, click on the title:


News Details - Microsoft Internet Explorer
News
Bank Of Ireland
05/15/03 - 06:20
DJ Bk Of Ireland/FY -2: Dividend Up 12% At EUR0.37 >IRE
Bank of Ireland PLC - Dublin
12 Months March 30:
2002 2001
Pre-Items Pretax Profit EUR1.17 Bln EUR1.12 Bln
Post-Items Pretax Profit 1.01 Bln 1.08 Bln
Exceptional Charge 164 Mln 37 Mln
EPS Pre Items, Goodwill 99.2 Cents 93.4 Cents
Dividend 37.0 Cents 33.0 Cents
Bank of Ireland is Ireland's second-largest financial services company, with assets of over EUR82 billion. It provides a diverse range of banking, financial and related services in Ireland, the U.K., and the U.S.

*Note: From here, you also have access to the **Histo, Profile & Estimates, Press releases, Events** and **News** sections.*

Related Press Releases

(Alt 4)

Press Releases are available via the **GL TRADE.net** website, and also as a feed in the News window. You can enter and save personalized requests through the Search Engine.

Related Analysis

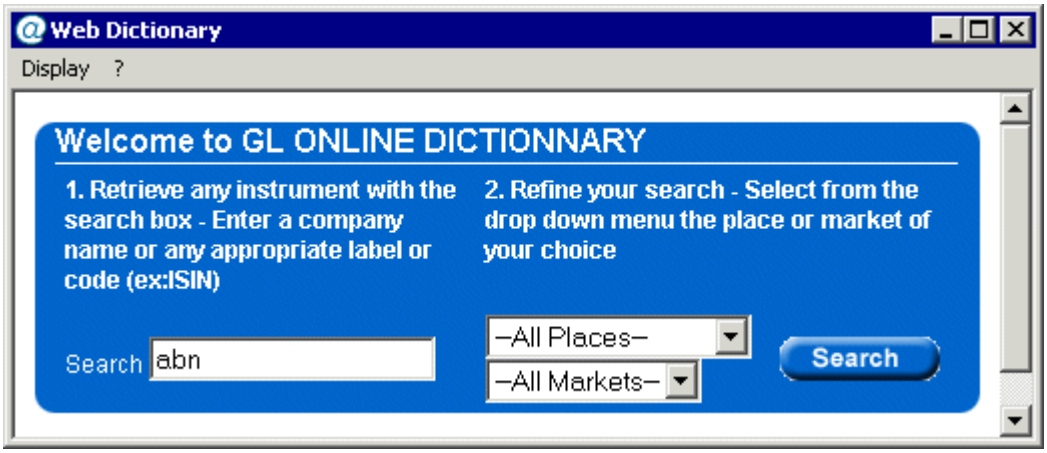
(Alt 5)

This analysis information is available via the **GL TRADE.net** website. You can enter and save personalized requests through the Search Engine.

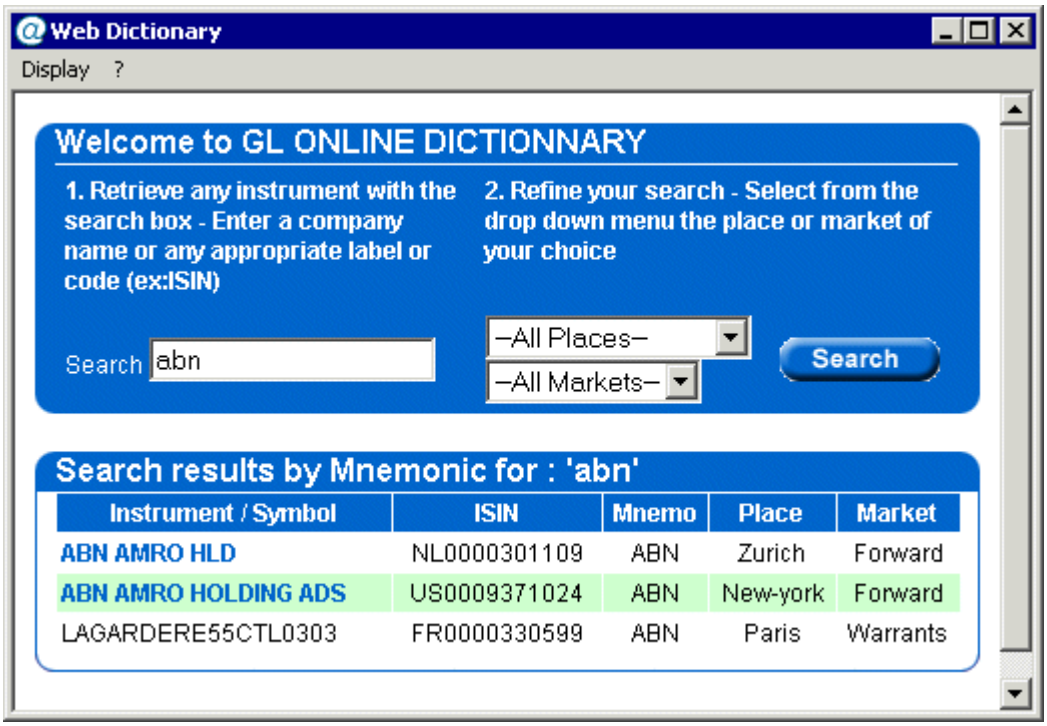
Online Dictionary

(Alt + 6)

This allows you to retrieve information on an instrument by typing a company name, a label or a code in the **Search** box.


Web Dictionary
Display ?
Welcome to GL ONLINE DICTIONNARY
1. Retrieve any instrument with the search box - Enter a company name or any appropriate label or code (ex:ISIN)
2. Refine your search - Select from the drop down menu the place or market of your choice
Search
abn
–All Places–
–All Markets–
Search

Optionally, you can further refine your search criteria by selecting an exchange and/or a market, from the popup boxes on the right.
To carry out the search, either press **Enter** or click the **Search** button. All instances of the appropriate instrument or company will be listed in the browser, including its Instrument code or symbol, ISIN code, mnemonic, exchange and market.


Web Dictionary
Display ?
Welcome to GL ONLINE DICTIONNARY
1. Retrieve any instrument with the search box - Enter a company name or any appropriate label or code (ex:ISIN)
2. Refine your search - Select from the drop down menu the place or market of your choice
Search abn
–All Places–
–All Markets–
Search
Search results by Mnemonic for : 'abn'
Instrument / Symbol | ISIN | Mnemo | Place | Market
ABN AMRO HLD | NL0000301109 | ABN | Zurich | Forward
ABN AMRO HOLDING ADS | US0009371024 | ABN | New-york | Forward
LAGARDERE55CTL0303 | FR0000330599 | ABN | Paris | Warrants

The World Market Quotes Menu

*Note: the **World Market Quotes** section is only accessible via the **GLTrade.net -> News Center** and not from the **Web Services** menu (Market Watch window).*

The **World Market Quotes** section contains the following topics:

- Top Gainers and Losers
- Market Quotes
- Stock Search
- Profile & Estimates
- Historical Prices
- Events calendar
- Palmares Agents
- Off-Exchange Markets

Top Gainers and Losers

Choose an option from the **Select a Market** popup box and click **GO**. A list of the market's top gainers and losers is displayed.

Code	Value	Last	Var. %
TWT	TELEWEST COMMS.	1,75	6,06
PIC	PACE MICRO	82,00	3,33
BGC	BTG	160,00	2,73
TWOD	TAYLOR WOODROW	211,75	2,30
BKIR	BANK IRELAND	10,79	2,18
CCH	CELLTECH GRP.	355,75	1,64
SN.	SMITH&NEPHEW	381,75	1,53
SKP	SKYEPHARMA	72,75	1,04
OOM	MMO2	57,50	0,88

Code	Value	Last	Var. %
CW.	CABLE & WIRE	97,75	-8,46
ISYS	INVENSYS	21,75	-5,44
SPT	SPIRENT	33,00	-3,65
SMWH	SMITH WH	340,00	-3,20
EID	EIDOS	150,75	-3,06
AVZ	AMVESCAP	437,50	-2,99
KID	KIDDE PLC	82,00	-2,96
GKN	GKN	221,00	-2,86
AWG	AWG	525,00	-2,78

Market Quotes

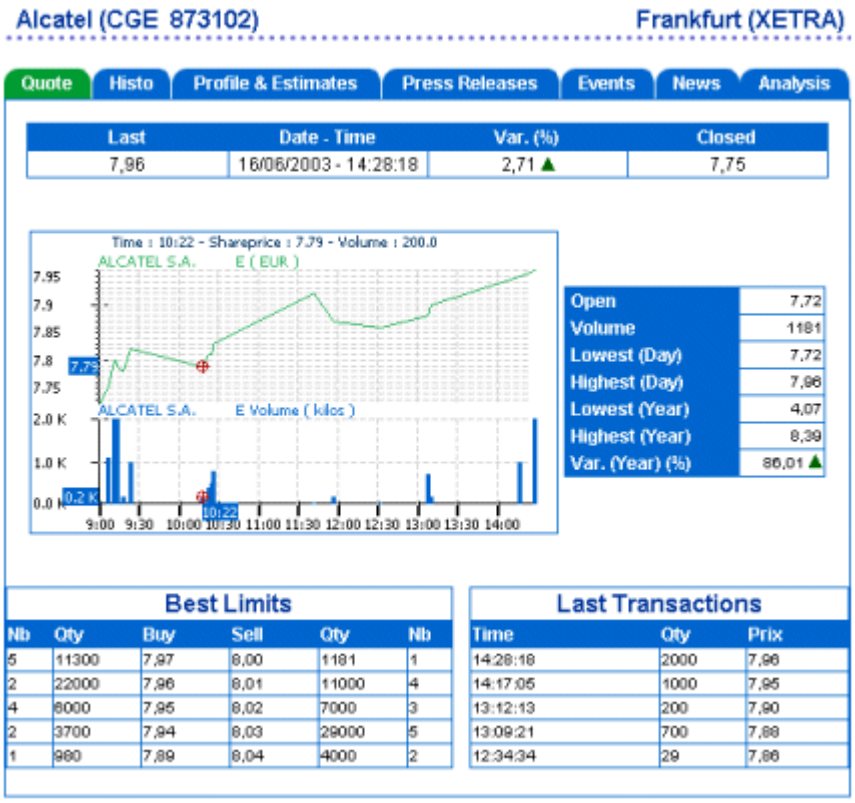
Select an exchange from the **Choose a Place** popup list and click **GO**, or select the first letter of the stock you'd like to look at.

Market Quotes
Stocks list :
Choose a Place
Bruxelles (NTS)
GO
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Valeur / Code Last Var.% Lowest Highest Open Close Vol.
AGFA-GEVAERT (AGFB) 18,15 0,83 17,95 18,15 18,00 524897
ALMANIJ (ALMB) 36,77 -0,19 36,59 36,84 36,84 4392
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Stock Search

Enter a stock code or name in the **Name/Code** box, then select an exchange from the **Place** popup menu. A list of stocks answering your criteria appears below the data input area.

Clicking on the **GO** button to the right of the stock name displays a window with more information about the selected stock.

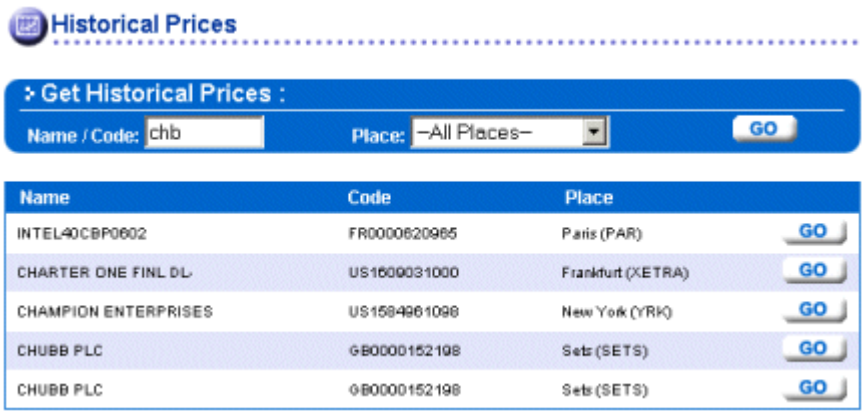


Profile & Estimates

Refer to the section **Profiles and Estimates** in the **WEB Services Menu** section.

Historical Prices

Enter an instrument name or code in the **Name/Code** box, and select an exchange from the **Place** popup menu. Click on the **GO** button to display the list of instruments found.


Historical Prices
Get Historical Prices :
Name / Code: chb
Place: –All Places–
GO
Name Code Place
INTEL40CBP0602 FR0000620965 Paris (PAR) GO
CHARTER ONE FINL DL US1600031000 Frankfurt (XETRA) GO
CHAMPION ENTERPRISES US1584961098 New York (YRK) GO
CHUBB PLC GB0000152198 Sets (SETS) GO
CHUBB PLC GB0000152198 Sets (SETS) GO

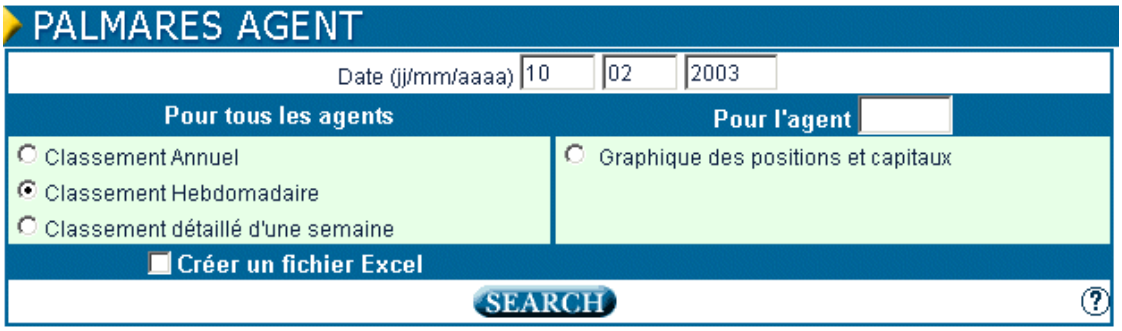
Clicking on one of the instruments in the list will display a historical graph of the instrument's progress.

Events calendar

Refer to **Economical and Events Calendar** in the **WEB Services Menu** section.

Palmares Agents

This feature enables you to search for the best-performing agent on a selected date. Enter the date in the top part of the **Palmares Agent** search window.



A list of agents will appear below the search window, in descending order from the highest-performing to the lowest.

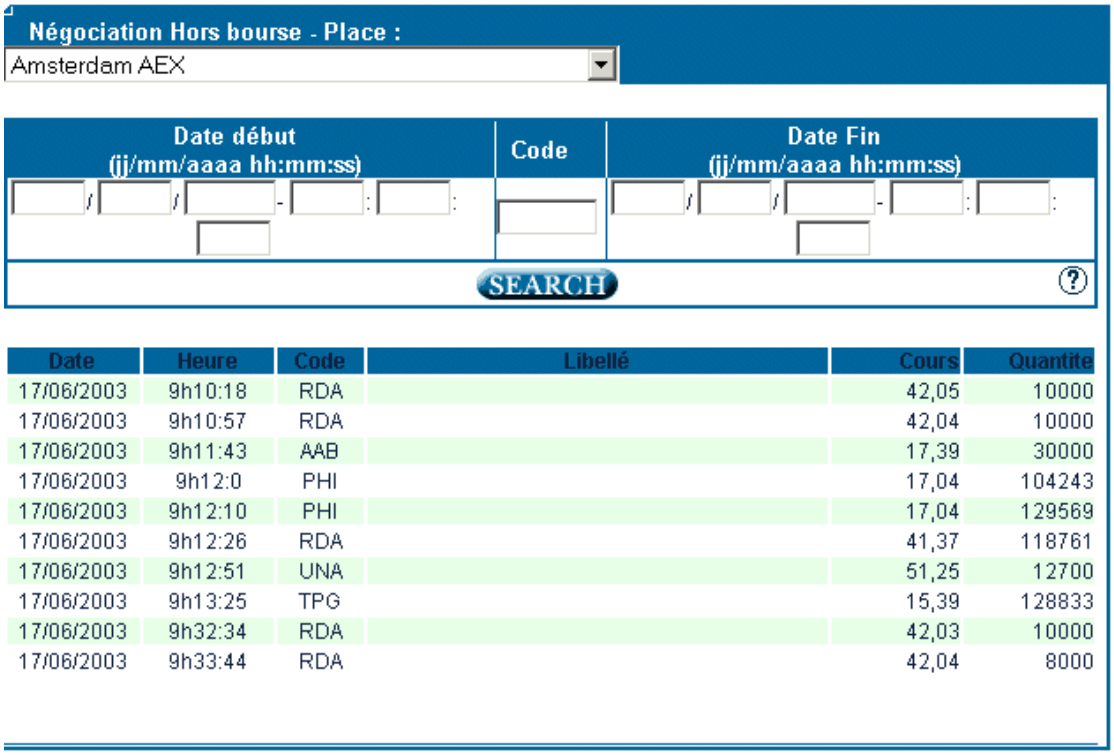
Classement Hebdomadaire 10/02/2003
Capital total : 12 604,24 M.euro

PREVIOUS WEEK NEXT WEEK

Position	Code Agent	Libellé	Capital	Pourcentage
1	504	SG Securities (Paris) SA	1 794,64	14,24 %
2	507	MORGAN STANLEY SA	1 108,52	8,79 %
3	578	BNP PARIBAS Equities France SA	1 075,35	8,53 %
4	460	DEUTSCHE-EQUITIES SA	789,80	6,27 %
5	510	UBS Securities France SA	640,97	5,09 %
6	587	GOLDMAN SACHS INTERNATIONAL LTD	630,12	5,00 %
7	517	CRÉDIT SUISSE FIRST BOSTON (EUROPE) LIMITED	538,94	4,28 %
8	597	LEHMAN BROTHERS INTERNATIONAL (EUROPE)	463,01	3,67 %
9	536	CRÉDIT AGRICOLE INDOSUEZ CHEUVREUX SA - CAIC	454,30	3,60 %
10	640	MERRIL LYNCH INTERNATIONAL	402,84	3,20 %
11	559	EXANE SA	389,35	3,09 %
12	505	J.P. MORGAN SECURITIES LTD	335,37	2,66 %
13	512	CREDIT LYONNAIS SECURITIES	300,81	2,39 %
14	577	ING FERRI SA	292,61	2,32 %
15	560	CDC IXIS Securities	282,14	2,24 %
16	538	INSTINET FRANCE SA	235,48	1,87 %
17	501	SALOMON BROTHERS INTERNATIONAL LTD	214,54	1,70 %
18	585	ODDO & Cie Entreprise d'Investissement	204,70	1,62 %
19	639	JULIUS BAER	169,76	1,35 %
20	518	E.I.F.B. SA	159,80	1,27 %
21	490	REFCO SECURITIES SA	158,41	1,26 %
22	580	HSBC CCF Securities (France) SA	149,84	1,19 %
23	434	BANK OF AMERICA INTERNATIONAL LIMITED (UK) - (B.A.I.L.)	140,13	1,11 %

Off-Exchange Market

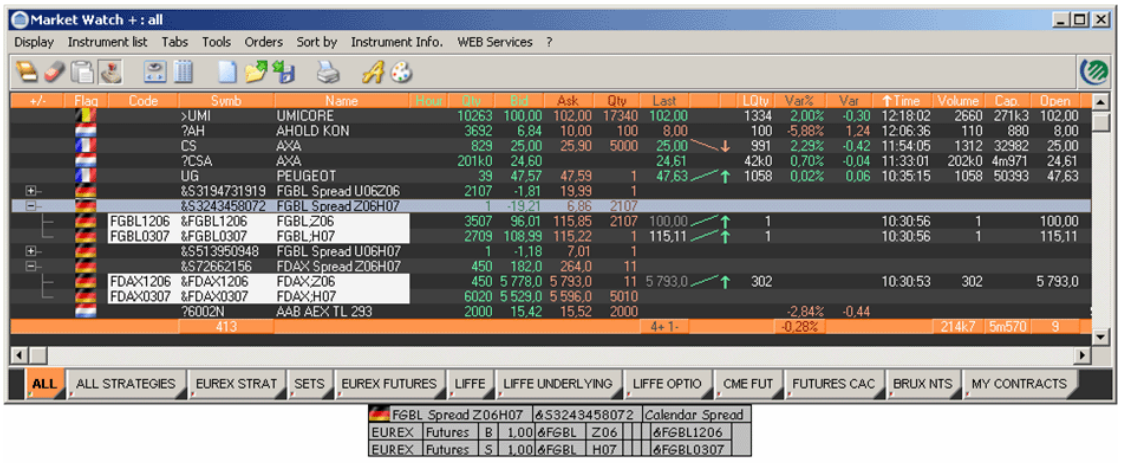
This feature enables you to carry out a search for instrument transactions carried out off-exchange. You can select an exchange from the **Négociation Hors bourse** popup box, enter a specific start and end date, and the code of the instrument, then click on **SEARCH** to display the list of instruments found.



Date	Heure	Code	Libellé	Cours	Quantité
17/06/2003	9h10:18	RDA		42,05	10000
17/06/2003	9h10:57	RDA		42,04	10000
17/06/2003	9h11:43	AAB		17,39	30000
17/06/2003	9h12:0	PHI		17,04	104243
17/06/2003	9h12:10	PHI		17,04	129569
17/06/2003	9h12:26	RDA		41,37	118761
17/06/2003	9h12:51	UNA		51,25	12700
17/06/2003	9h13:25	TPG		15,39	128833
17/06/2003	9h32:34	RDA		42,03	10000
17/06/2003	9h33:44	RDA		42,04	8000

The Market Watch + Window

The Market Watch + window is a synthesis of the standard Market Watch and Strategy Watch windows. In appearance it is very similar to the standard Market Watch window except that it also enables you to view strategies in a tree-view, as well as their various legs on the buy and sell sides in a separate zone, shown in the screen capture below at the bottom of the window.
You can also use the multi-selection function to sort the data displayed in the window. Use the **shift + click** shortcut on up to three column headers to sort the information displayed in the window according to these criteria.


Market Watch + : all
Display Instrument list Tabs Tools Orders Sort by Instrument Info. WEB Services ?
ALL ALL STRATEGIES EUREX STRAT SETS EUREX FUTURES LIFFE LIFFE UNDERLYING LIFFE OPTIO CME FUT FUTURES CAC BRUX NTS MY CONTRACTS
FGBL Spread Z06H07 &S3243458072 Calendar Spread
EUREX Futures B 1,00 &FGBL Z06 &FGBL1206
EUREX Futures S 1,00 &FGBL H07 &FGBL0307

This window contains the following menus:

- The Display Menu
- The Instrument List Menu
- The Tabs Menu
- The Tools Menu
- The Orders Menu
- The Sort By Menu
- The Instrument Info Menu
- The WEB Services Menu
- The Filter Menu

The Display Menu

For details on the functions available in the Display Menu, see the descriptions given in the Display Menu section of the Market Watch window.

The Instrument List Menu

The Instrument List menu differs from the Instrument List menu in the standard Market Watch as the ***Link Instrument***, ***Display Linked Instruments*** and ***Linked Best Prices*** options are not available.

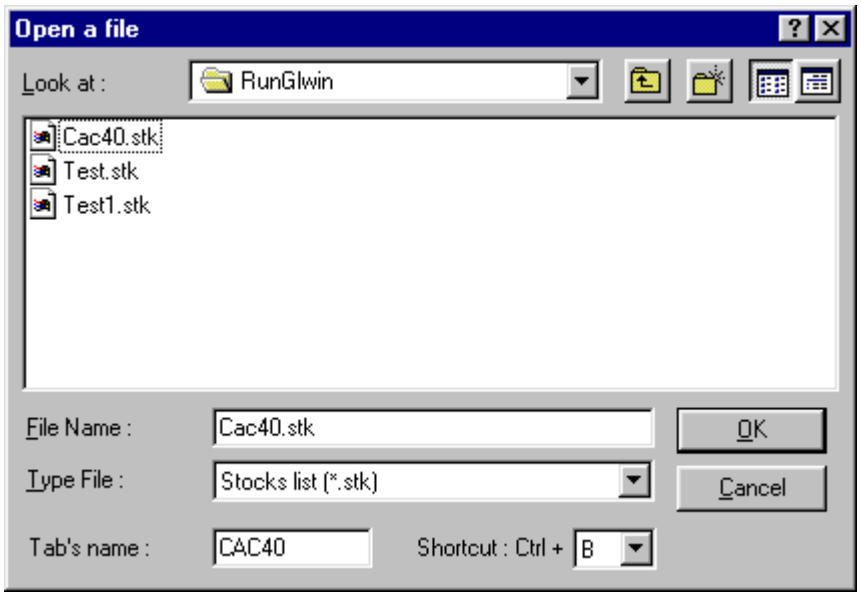
The Tabs Menu

The ***Tabs*** sub-menu enables you to add, delete or rename a tab or modify the position of tabs.
Tabs are used to create rapid access to lists of instruments.
There are four items in the ***Tabs*** menu:

- Add Tab
- Delete Tab
- Modify Tab
- Tabs position

Add Tab

The ***Add a Tab*** function displays the following dialog box:



Select a `.stk` list previously created and saved through the Save list... function.
Enter the name of the tab in the **Tab's Name** field.
You can select a shortcut from the list associated with the **Ctrl +** field.
Then, click on **OK** to create the tab or on **Cancel** to exit the function.

Note: You can insert up to 52 tabs in the Market Watch + window.

Delete tab

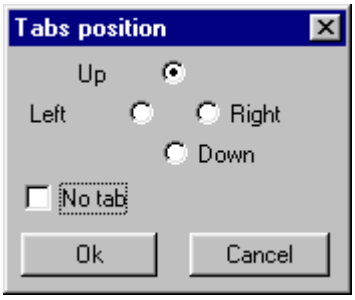
Erases the selected tab.

Modify tab

Enables you to rename the selected tab, change the list linked to the tab or change the shortcut.

Tabs position

You can position created tabs with this function. The Tabs position dialog box includes four positions represented by radio buttons. You can choose an up, down, left or right position. You can also decide to display no tab at all by selecting the **No tab** option.



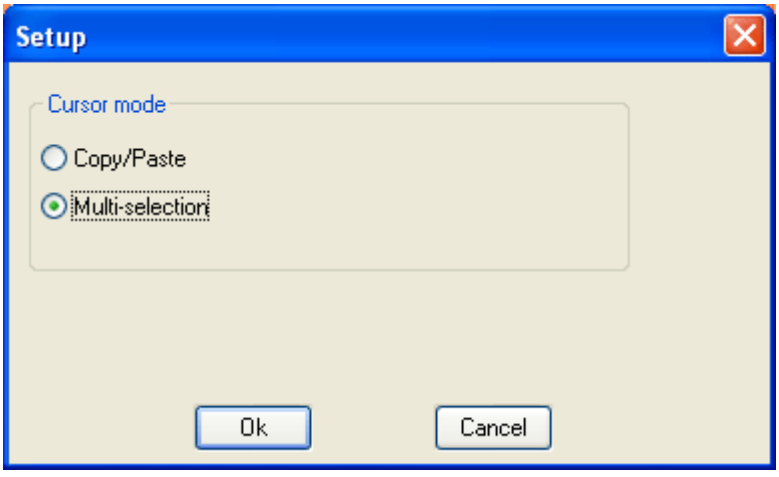
Click on **Ok** to validate or on **Cancel** to quit

The Tools Menu

The Tools menu contains one option:

Setup...

The ***Setup*** option launches the Setup window.



This window enables you to facilitate the copying and pasting of data from the Market Watch + window to a Microsoft Excel window.
Select **Copy/Paste** to enable an automatic copying of data when you drag your cursor over a selection of items in the Market Watch + window. After doing this, you can open a Microsoft Excel spreadsheet and paste the data inside.
The **Multi-selection** option disables this feature.

The Orders Menu

For details on the functions available in the Orders Menu, see the descriptions given in the Orders Menu section of the Market Watch window.

The Sort By Menu

There are two additional options available in the Sort By menu in the Market Watch + window that are not available in the standard Market Watch window. These two items are explained below.
For details on the other items in the menu, see descriptions available in the Sort By Menu in the Market Watch window.

Comment

Groups together instruments that have comments attached.

Nb negotiates

Sorts instruments according to the number of corresponding negotiates.

The Instrument Info Menu

For details on the functions available in the Instrument Info Menu, see the descriptions given in the Instrument Info Menu section of the Market Watch window.

The WEB Services Menu

For details on the functions available in the WEB Services Menu, see the descriptions given in the WEB Services Menu section of the Market Watch window.

The Filter Menu

This menu enables you configure and manage filters in the Market Watch + window. For details on the functions available in the Filter Menu, see the descriptions given in the Strategy Watch window.

- Edit Filter
- No Active Filter
- Cleared Filtered Items
- Start Up List
- New Strategy Insertion

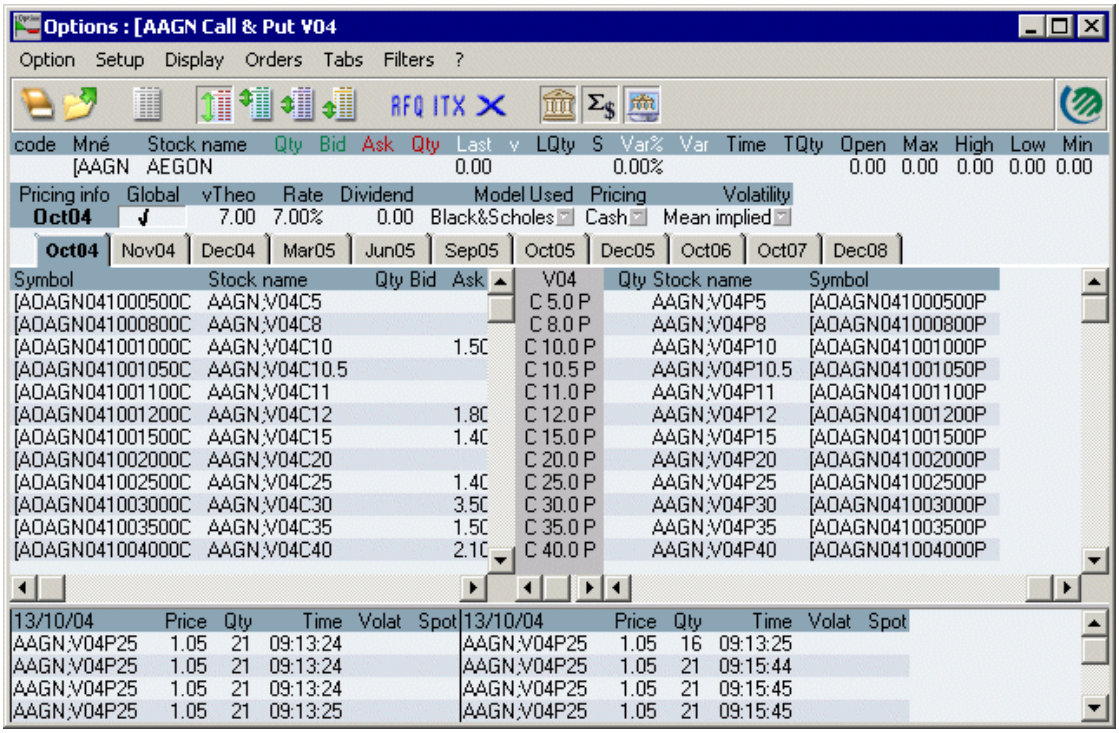
The Options Window

This window is accessible from the GL Deskbar by clicking on the Market Data or Trading Tools icon and selecting ***Option Watch***. You can also display the Option Watch window from the Market Watch window by selecting the ***Instrument Info. -> Options*** function.

You can obtain options on other underlying stocks by:

- entering the intrument code or instument symbol of the underlying stock,
- bringing up the Dictionary through the ***Option -> Dictionary*** function.

You can specify the theoretical volatility for the pricing per option (per strike and per expiry), by directly typing in the **VTheo** column of the individual option in the options list. Note that applying a new volatility on a call automatically applies it to the put, and vice versa.
You can also set a global default theoretical volatility in the Pricing area. If you tick the **Global** checkbox, the default theoretical volatility will be used, and the individual theoretical volatilities will be ignored.

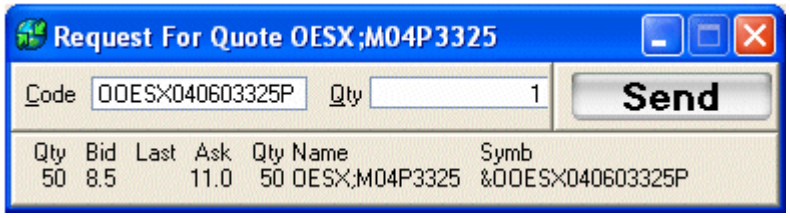

Options : [AAGN Call & Put V04
Option Setup Display Orders Tabs Filters ?
RFQ ITX
code Mné Stock name Qty Bid Ask Qty Last v LQty S Var% Var Time TQty Open Max High Low Min
[AAGN AEGON 0.00 0.00% 0.00 0.00 0.00 0.00 0.00
Pricing info Global vTheo Rate Dividend Model Used Pricing Volatility
Oct04 √ 7.00 7.00% 0.00 Black&Scholes Cash Mean implied
Oct04 Nov04 Dec04 Mar05 Jun05 Sep05 Oct05 Dec05 Oct06 Oct07 Dec08
Symbol Stock name Qty Bid Ask V04 Qty Stock name Symbol
[AOAGN041000500C AAGN;V04C5 C 5.0 P AAGN;V04P5 [AOAGN041000500P
[AOAGN041000800C AAGN;V04C8 C 8.0 P AAGN;V04P8 [AOAGN041000800P
[AOAGN041001000C AAGN;V04C10 1.5C C 10.0 P AAGN;V04P10 [AOAGN041001000P
[AOAGN041001050C AAGN;V04C10.5 C 10.5 P AAGN;V04P10.5 [AOAGN041001050P
[AOAGN041001100C AAGN;V04C11 C 11.0 P AAGN;V04P11 [AOAGN041001100P
[AOAGN041001200C AAGN;V04C12 1.8C C 12.0 P AAGN;V04P12 [AOAGN041001200P
[AOAGN041001500C AAGN;V04C15 1.4C C 15.0 P AAGN;V04P15 [AOAGN041001500P
[AOAGN041002000C AAGN;V04C20 C 20.0 P AAGN;V04P20 [AOAGN041002000P
[AOAGN041002500C AAGN;V04C25 1.4C C 25.0 P AAGN;V04P25 [AOAGN041002500P
[AOAGN041003000C AAGN;V04C30 3.5C C 30.0 P AAGN;V04P30 [AOAGN041003000P
[AOAGN041003500C AAGN;V04C35 1.5C C 35.0 P AAGN;V04P35 [AOAGN041003500P
[AOAGN041004000C AAGN;V04C40 2.1C C 40.0 P AAGN;V04P40 [AOAGN041004000P
13/10/04 Price Qty Time Volat Spot
AAGN;V04P25 1.05 21 09:13:24
AAGN;V04P25 1.05 21 09:13:24
AAGN;V04P25 1.05 21 09:13:24
AAGN;V04P25 1.05 21 09:13:25
13/10/04 Price Qty Time Volat Spot
AAGN;V04P25 1.05 21 09:13:25
AAGN;V04P25 1.05 16 09:13:25
AAGN;V04P25 1.05 21 09:15:44
AAGN;V04P25 1.05 21 09:15:45
AAGN;V04P25 1.05 21 09:15:45

Depending on where you right-click in the window you can display one of three control functions menus. Right-clicking on the Instrument displays a menu including the main functionalities of the four preceding menus. A right-click on the Data title shows a menu that enables you to control the display of this zone. Finally, right-clicking in the main body of the window displays a menu with short cuts to the main menus as well as two additional options; **Send to Alerts window** and **Insert in Market Watch**.
When selecting the first option you need to first have opened the Alerts window.

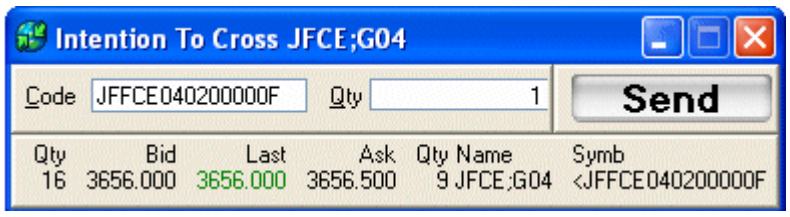
Button Bar Options

Some functionalities are only available via the button bar:

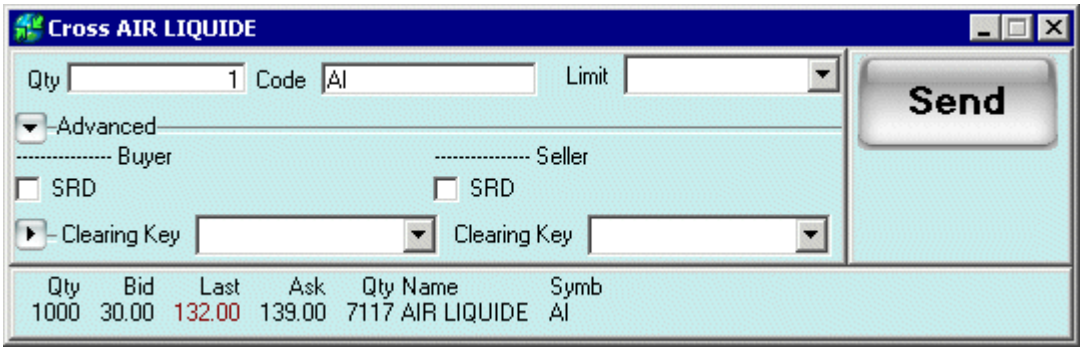
Displays the Request for Quote window:



Displays the Intention To Cross window.



Displays the Cross window.



The Options window includes five menus:

- Option
- Setup
- Display
- Orders
- Tabs

The Option Menu

- This menu includes the following functions:
- Dictionary
- Paste active stock
- Insert in Market Watch
- Send to Alerts window
- Next expiration
- Previous expiration
- Call only
- Put only
- Call and Put (Vert.)
- Call and Put (Hori.)
- Call Put alternated (Vert.)
- Call Put alternated (Hori.)
- All series
- Middle series only
- Traded series only
- Activated series only
- Quit

Dictionary

(Insert)

To get detailed information, see the ***Dictionary*** presentation associated with the ***Display*** menu of the Market Watch window.

Paste active stock

Pastes the active stock in the window.

Insert in Market Watch

Sends the highlighted instrument to the Market Watch (also available from a mouse right-click).

Send to Alerts window

Sends the highlighted instrument to the Alerts window (if the Alerts window is currently open). This option is also available via a mouse right-click in the main body of the window.

Next expiration

(+)

Displays the next expiration date tab of the option.

*Note: The **+** / **-** keys also give the possibility to scroll from the latest maturity of the short term option to the first maturity of the long term option.*

Previous expiration

(-)

Displays the tab for the previous expiration date of the option.

*Note: The **+** / **-** keys also give the possibility to scroll from the latest maturity of the short term option to the first maturity of the long term option.*

Call only

(Space)

Displays only the call options.
You can toggle between the ***Call only*** display option and the ***Put only*** display option by pressing the spacebar.

Put only

(Space)

Displays only the put options.
You can toggle between the ***Call only*** display option and the ***Put only*** display option by pressing the spacebar.

Call and Put (Vert.)

Displays the Call options and the Put options vertically.

Call and Put (Hori.)

Displays the Call options and the Put options horizontally.

Note: this option enables vertical scrolling of both Call and Put options.

Call Put alternated (Vert.)

Displays alternately and vertically the Call options and the Put options.

Call Put alternated (Hori.)

Displays alternately and horizontally the Call options and the Put options.

All series

Displays all series of options with respect to the underlying price, with maturity/maturity price characteristics.

Middle series only

Displays only middle series of options in relation to the underlying price.
Takes the delta nearest to .50 and displays 3 strikes below and above.
If there is no delta, it takes the median of the list of strikes and displays 3 strikes below and above.

Note: Deltas only exist in GL WIN When the `option.prm` file allocates an underlying to the list of options. If in doubt, configure the `option.prm` file. If this file is not configured, there is no underlying for the option and there is no last price reference for ATM strikes.

Traded series only

Displays only traded series of options (any strike with a last trade).

Activated series

Displays only activated series of options (any strike with a Bid, Ask or Last).

Quit

(Alt F4)

Exits the Options window.

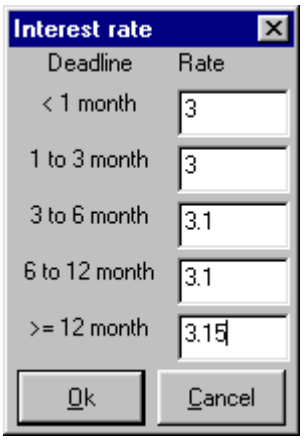
The Setup Menu

This menu includes the following functions:

- Rate
- Dividend
- Theoretical volat
- Spread Future
- Theo volat + step
- Theo volat - step
- Long term maturity
- Short term maturity
- Pricing Cash
- Pricing Future
- Market ratio
- Theoretical ratio

Rate...

The Interest rate is selected according to the option type, for cash pricing or future pricing.

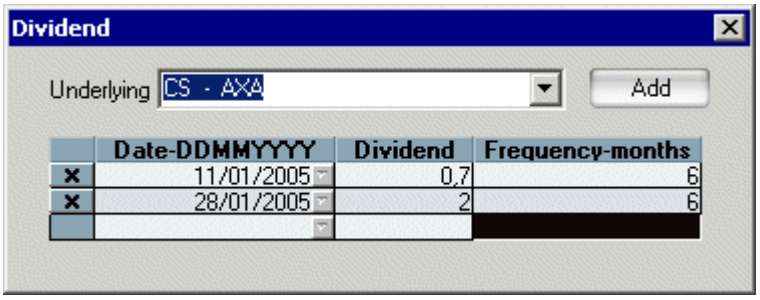


Enter the interest rates you want to apply to five different time periods to calculate the B&S limits.

Click on **OK** to apply your modifications or on **Cancel** to return to the previous configuration.

Dividend...

Displays the dividends for each defined time period. The symbol of the Option Watch's active underlying instrument is displayed by default in the **Underlying** combo box and is followed by the instrument name for easy reference. You can select between all saved underlying instruments and their dividends from this combo box.



To edit the displayed underlying instrument:

1. Edit the date of the first dividend by typing the value in the **Date** column, or either pressing **Enter** or clicking the arrow on the combo box to display the calendar.
2. Enter the dividend amount in the **Dividend** column.
3. If applicable, enter the dividend frequency, in months, in the Frequency-months column. A recurring dividend is taken into account in the calculation after being discounted with the corresponding interest rate for a particular expiry, as shown in the formula below:

$$\tau_i \leq \text{Maturity}$$

$$D = \sum_i D_i \cdot e^{-r(\tau_i - t)}$$

$$\tau_i = \text{Dividend dates}$$

$$D_i = \text{Dividend amounts}$$

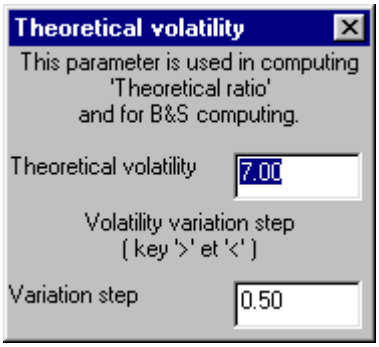
(For example, a dividend with a frequency of 3 months is paid 4 times during one calendar year.)

Note: you can enter as many dividends as you like.

Click the **Add** button if you want to input dividends for an underlying which is not already loaded in the Option Watch, and which has not been saved previously. The dictionary is launched in order to select the underlying instrument in the equity market and enable you to edit it.

Theoretical volat

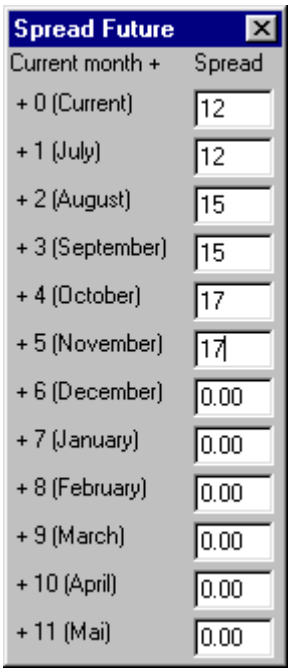
Defines the theoretical volatility to calculate the B/S limits.



Default values for the theoretical volatility and the variation step are 7 and 0.50 respectively.
The theoretical volatility is used to calculate the Delta, Vega, Gamma and Theta coefficients in the ***Theoretical Ratio*** function.

Spread Future...

Displays the Spread Future dialog box.



Enter the price variation between two maturity dates then click **Enter** to validate.

Theo volat + step

(>)

Adds the value of one step to the value of the defined theoretical volatility to calculate the B/S limits.

Theo volat - step

(<)

Subtracts the value of one step from the value of the defined theoretical volatility to calculate the B/S limits.

Long term maturity

(Pg Up)

Switches between short term and long term options.
To use this functionality; declare the [LONG] section in the `option.prm` GL WIN file. In this section, declare the link between the cash mnemonic and the long term option mnemonic as shown below:

```
[LONG]
AI=%PAI2,,AI
AC=%PAC2,,AC
AGF=%PAG3,,AGF
```

Short term maturity

(Pg Down)

Switches between long term and short term options.

To use this functionality; declare the [LONG] section in the `option.prm` GL WIN file. In this section, declare the link between the cash mnemonic and the long term option mnemonic as shown below:

```
[LONG]
AI=%PAI2,,AI
AC=%PAC2,,AC
AGF=%PAG3,,AGF
```

Pricing Cash

Calculates the Delta, Vega, Gamma and Theta coefficients and the B/S price by using the cash instrument pricing.

Pricing Future

Calculates the Delta, Vega, Gamma and Theta coefficients and the B/S price by using the future instrument pricing.

Market ratio

Calculates the Delta, Vega, Gamma and Theta coefficients from the volatility determined by the market prices.

Theoretical ratio

Calculates the Delta, Vega, Gamma and Theta coefficients by using the volatility defined in the ***Theoretical volatility*** function.

The Display Menu

This menu includes the following functions:

- Main control window
- Fixed window
- Instrument data setup
- Option data setup
- Exchange data setup
- Show/Hide title and menu
- Show/Hide data title
- Show/Hide Instrument
- Show/Hide Pricing
- Show/Hide exchanges
- Show/Hide Market Monitor
- Show/Hide scroll bars
- Show/Hide limit/B.S. in excess
- Show/Hide button bar
- Font
- Colors

- Print

Main Control Window

With the ***Main Control window*** function, you can control one or several windows. In this way, via an Option Watch window, you can control the following windows:

- Market Depth
- Option Price Analyser
- Instrument Summary
- Instrument Characteristics
- Historical/Intraday

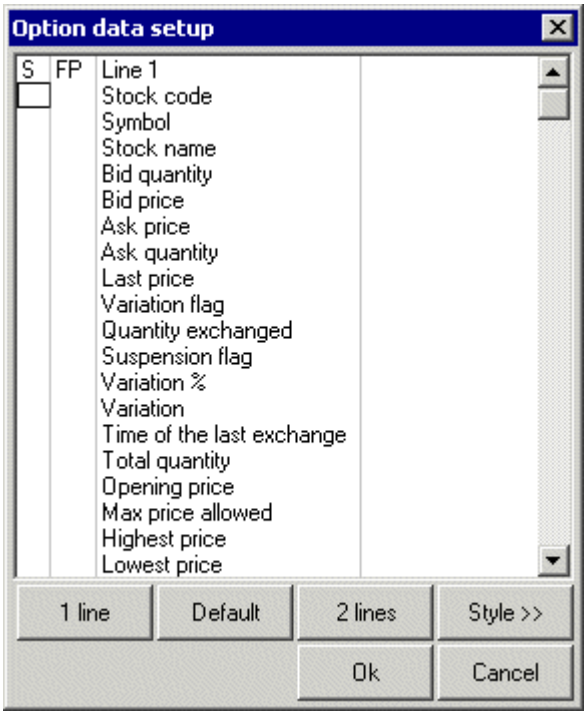
When the active instrument is modified in the main control window, all controlled windows are updated accordingly.
The main control window must be selected on either the Option Watch or the Trading station windows. This is then known as the "master".

Fixed Window

Use this function to display the selected window on all virtual screens that are available. GL WIN enables you to display information on four different virtual screens.
A fixed window is always displayed and can be associated with other different windows according to the virtual screen displayed.

Instrument column setup...

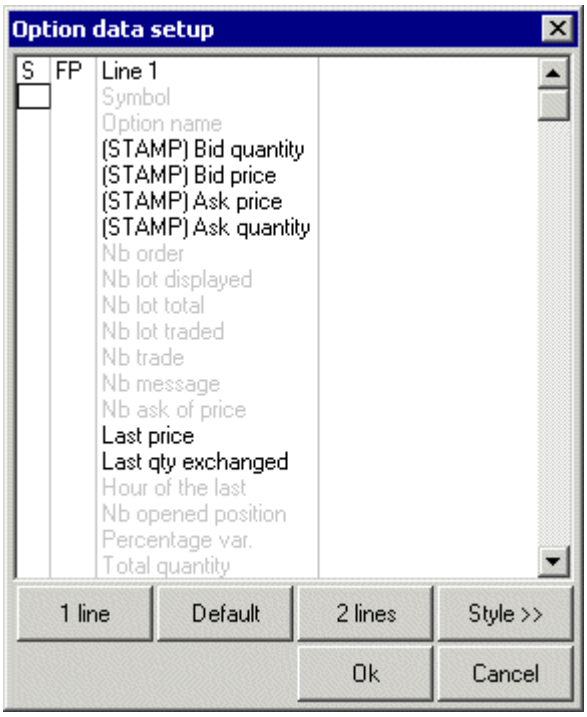
This function displays the Stock data setup dialog box and enables you to define the items to be displayed in the first line of the Options window.



Select the items, click on **Ok** to validate or on **Cancel** to exit.

Option Column setup...

This function enables you to define the items to be displayed in the second line of the Options window.



For detailed information, see the description of the ***Display -> Select data display...*** function of the Market Watch window.
You can either double-click on column headers, or use the following icons to customise the display from this menu:

All Columns
Displays all 38 columns.

Custom 1
Displays essential Bid/Ask-type information.

Custom 2
Displays pricer-related information like greeks, implied volatility and Black and Scholes.

Custom 3
Displays High/Low/Close information.

Customising The Buttons

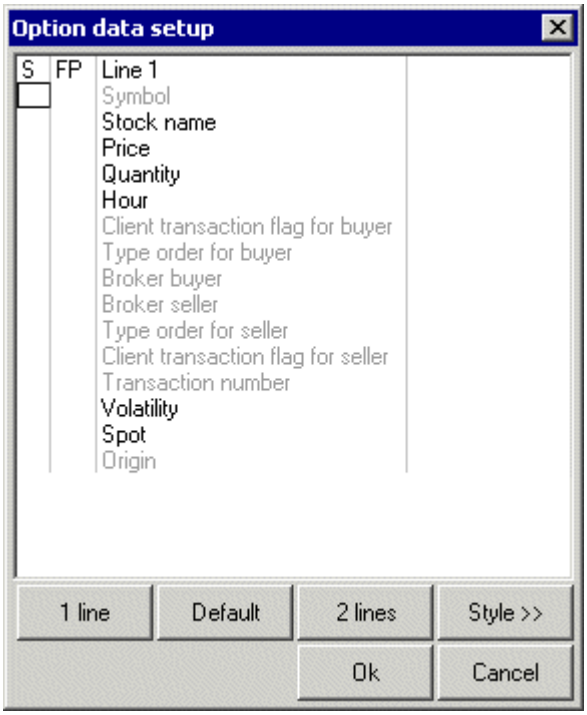
The above shortcuts can all be customised, with the exception of **All Columns,** by following the steps below:

1. Click the shortcut you want to customise (for example **).**
2. Click the **Option Column Setup** icon .

3. Select the columns you want to appear in the modified shortcut, and the order they will appear in, and click **OK**.

Market monitor column setup...

This function enables you to define the items to be displayed in the third part of the Options window.



Tick the information to be displayed.
Click on **OK** to validate or on **Cancel** to exit the function.

Show/Hide titles and menus

This functionality displays or hides the menu bar, thus saving space on your desktop and removing unnecessary information.
To show/hide the title and menu bar, you can also use **Ctrl + double-click** in the center of the window.

Show/Hide data title

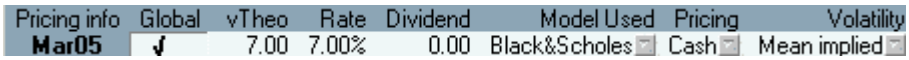
Shows or hides data titles.

Show/Hide instrument

Shows or hides the instrument data.

Show/Hide Pricing

Shows or hides the Pricing information section.



The Pricing section contains the following columns:

Pricing Info
Displays the label of the current option.

Global
Tick to activate the theoretical volatility in the **vTheo** column. This will be applied globally, and will override the **vTheo** column for the individual options.

vTheo
Directly type the theoretical volatility to be used by default.

Rate
Displays the interest rate to be used for pricing per expiry. Click on this cell to display the interest rate setup box.

Dividend
Displays the present value of the dividends that will be used for pricing (depends on user input from the dividends table). The dividends are considered recurrent with a frequency of 1 year. Click on this cell to display the Dividends setup box.
You can also import dividends to the Option Watch by editing the `dividends.dat` file. The dividends entered in this file will be integrated in the Option Watch on loading.
The following rules apply when editing the `dividends.dat` file :
`Symbol=Date1,Dividend1,Date2,Dividend2,Date3,Dividend3,Date4,Dividend4`
Today the limit per symbol is 4 dates of dividends.
Date Format: `YYYYMMDD`
The present value of the dividends is subtracted from the from the current price of the underlying asset when calculating the Black & Scholes value. The calculations take into account the interest.

$$\tau_i \leq \text{Maturity}$$

$$D = \sum_i D_i \cdot e^{-r(\tau_i - t)}$$

$$\tau_i = \text{Dividend dates}$$

$$D_i = \text{Dividend amounts}$$

Model Used
Drop-down list displaying all available pricing models.

Pricing
Drop-down list, displaying the following pricing type options:

- Cash
- Roll Pricing (Futures)
- Switch Underlying (Futures)

Roll Pricing (Futures)

$$F_T = e^{r(T-t)} F_t$$

$$t = \text{Date of the chosen underlying future}$$

$$T = \text{Maturity}$$

$$r = \text{Interest rate}$$

Switch Underlying (only Options on Futures)
The Option Watch window switches between the futures to display the future with an expiry corresponding to the options expiry tab selected. The options are:

- Cash
- Future Roll
- Future Switch

Volatility
Drop-down list with the following options:

- Theoretical Volatility
- Mean Implied Volatility
- Last Implied Volatility

Show/Hide exchanges

Shows or hides the last executed trades.

Show/Hide Market Monitor

Shows or hides Market Monitor section at the bottom of the screen.

Show/Hide scroll bars

This function displays or hides the scrollbars.

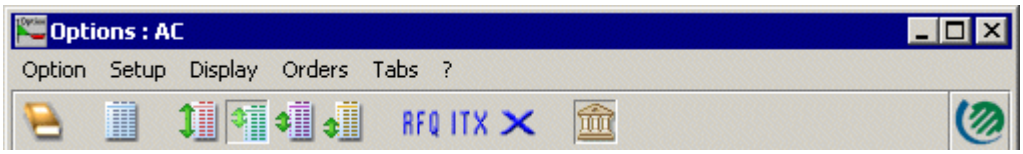
Show/Hide Limits/B.S in excess

Shows or hides B/S limits in excess.

Show/Hide button bar

This function displays or hides the icon bar.
The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities you can also access through the window menus.

Option icon bar:



Show/Hide Tabs

Shows or hides the tabs which separate expiry months.

Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
To get further information, see the ***Colors*** explanation associated with the ***Display*** menu of the Market Watch window.

Print...

To get detailed information, see the ***Print*** explanation associated with the ***Display*** menu of the Market Watch window.

The Order Menu

See the Order Book and Entry Box presentations.
This menu is displayed only if you are connected to a SLE (Server Link to Exchange). The SLE is the server used to send orders to the Exchange and receive acknowledgments.

This menu includes the following functions:

- Buy
- Sell
- Take
- Hit
- Care Order Buy
- Care Order Sell
- Cross
- Global Order View = Order Book Filter
- Execution History = Trading Watch Filter
- Order Status
- Contribute
- Trade Report Buy
- Trade Report Sell
- Trade Report Cross

The Tabs Menu

This menu includes the following functions:

- Underlying
- Series

Underlying

You can modify the tabs with the following options:

Hide
Hides tab.

Rename
Renames tab (also available by right-clicking tab).

Delete
Deletes tab (also available by right-clicking tab).

Link to an option
Enables you to link the instrument to the corresponding option series (also available by right-clicking on the tab). The dictionary opens and you can select one or more options to link it to (note that you have to select the relevant market with regard to the market containing the underlying). After this, the `option.prm` file is updated and all the series are displayed in the Option Watch.

*Note: You can also link an option to an underlying. Enter an option in the Option Watch and right-click on its tab. Select **Find corresponding underlying** from the popup menu, and select an underlying from the dictionary. The option.prm file is created and automatically updates, and you can display the instrument market requests in real time.*

Delete all
Deletes all tabs.

Series

Contains the following options:

Hide/Show
Shows/hides the tab series.

Explicit Format
Displays expiries by calendar month, for example Mar05 (also available by right-clicking on the expiry tab).

Letter Format
Displays expiries by letters, for example J05 (also available by right-clicking on the expiry tab).

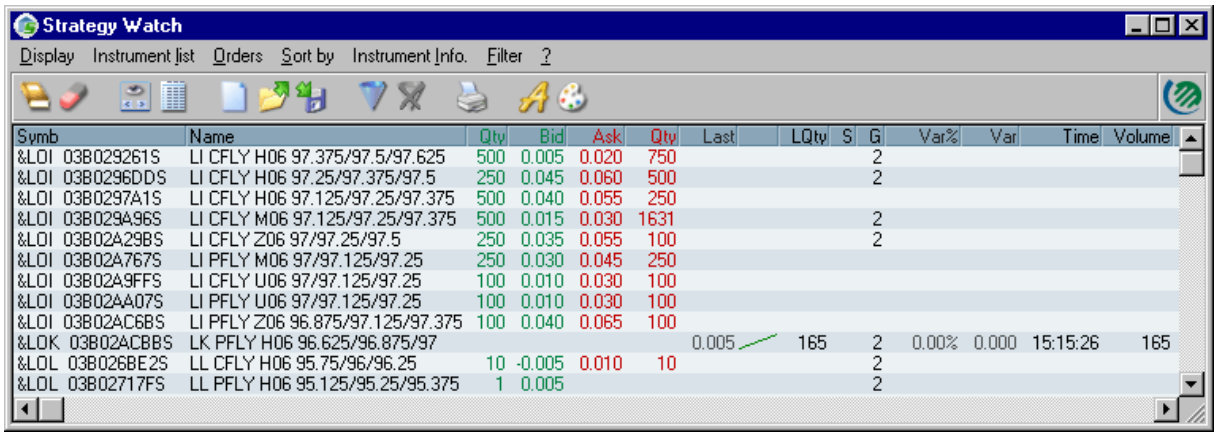
The Strategy Watch Window

This window is accessible from the GL Deskbar by clicking on the Market Data or Trading Tools icon and selecting the ***Strategy Watch*** function.

The Strategy Watch window is used to display market summary information for existing strategies (options and futures).
This window is similar to the Market Watch window used for stock lists: creation of personalized strategy lists, possibility to send orders directly from this window using the keyboard.

For each selected strategy the different possible prices and quantities are presented:

- Best price and quantity for the strategy if it is listed by the Exchange
- Best price calculated using the individual legs (the pricing can only be calculated if all legs composing the strategy have prices).



Symb	Name	Qty	Bid	Ask	Qty	Last	LQty	S	G	Var%	Var	Time	Volume
&LOI 03B029261S	LI CFLY H06 97.375/97.5/97.625	500	0.005	0.020	750				2				
&LOI 03B0296DDS	LI CFLY H06 97.25/97.375/97.5	250	0.045	0.060	500				2				
&LOI 03B0297A1S	LI CFLY H06 97.125/97.25/97.375	500	0.040	0.055	250								
&LOI 03B029A96S	LI CFLY M06 97.125/97.25/97.375	500	0.015	0.030	1631				2				
&LOI 03B02A29BS	LI CFLY Z06 97/97.25/97.5	250	0.035	0.055	100				2				
&LOI 03B02A767S	LI PFLY M06 97/97.125/97.25	250	0.030	0.045	250								
&LOI 03B02A9FFS	LI CFLY U06 97/97.125/97.25	100	0.010	0.030	100								
&LOI 03B02AA07S	LI PFLY U06 97/97.125/97.25	100	0.010	0.030	100								
&LOI 03B02AC6BS	LI PFLY Z06 96.875/97.125/97.375	100	0.040	0.065	100								
&LOK 03B02ACBBS	LK PFLY H06 96.625/96.875/97					0.005	165		2	0.00%	0.000	15:15:26	165
&LOL 03B026BE2S	LL CFLY H06 95.75/96/96.25	10	-0.005	0.010	10				2				
&LOL 03B02717FS	LL PFLY H06 95.125/95.25/95.375	1	0.005						2				

The **Best Bid P(rice)** and **Best Ask P(rice)** columns display the best price between the real price and the calculated price. The colours of these columns can be changed in the ***Display -> Colors*** menu. You can also display a **Best Bid Qty** and a **Best Ask Qty** which is an addition of the implied quantity from the legs with the paper quantity.

The **Best Bid Qty** and **Best Ask Qty** columns display cumulated bid/ask quantity adding together the implied quantity coming from the legs and the paper quantity. These two columns are shown with associated background ***Colors***.

As the standard Market Watch window, the Strategy Watch window includes the following menus:

- Display
- Instrument list
- Orders
- Sort by
- Instrument Info
- Filter

You can also right-click in the window to display a menu including the main functionalities of the four preceding menus.

General Overview

The principal GL WIN windows that are used for trading strategies are the following :

Window	Description
Strategy Market Watch	Displays market summary information for each strategy.
Strategy Dictionary	Lists all existing strategies recognized by the market and created locally. Used also for the creation of new strategies.
Strategy Market Depth	Displays the market depth for a selected strategy (by price limit)
Alerts	Configures alert messages pertaining to quote requests.
News	Displays alert messages

Strategy codes

The following matrix shows strategies on option contracts, future contracts and volatility trades.

	Strategy Name	GL Code	Number of Legs	Leg Description
1	Call Spread	SPD	2	+1 C (Buy one Call) -1 C (Sell one Call)
	Put Spread	SPD	2	+1 P (Buy one Put) -1 P (Sell one Put)
2	Calendar Spread	CSP	2	+1 F (Buy one Future) -1 F (Sell one Future)
	Call Calendar Spread	CSP	2	+1 C (Buy one call) -1 C (Sell one call)
	Put Calendar Spread	CSP	2	+1 P (Buy one Put) -1 P (Buy one Put)
3	Call Calendar Spread	DCS	2	-1 C (Sell one Call) +1 C (Buy one call)
	Put Calendar Spread	DCS	2	-1 P (Sell one Put) +1 P (Buy one Put)
4	Butterfly	BUT	3	+1 F (Buy one Future) -2 F (Sell two Futures) +1 F (Buy one Future)
5	Guts	GUT	2	+1 C (Buy one Call) +1 P (Buy one Put)
6	2*1 Call Ratio Spread	2x1	2	-1 C (Sell one Call) +2 C (Buy two Calls)
	2*1 Put Ratio Spread	2x1	2	-1 C (Sell one Call) +2 C (Buy two Calls)
7	Strangle	STG	2	+1 P (Buy one Put) +1 C (Buy one Call)
8	Straddle	STD	2	+1 P (Buy one Put) +1 C (Buy one Call)
9	Combo	CMB	2	-1 C (Sell one Call) +1 P (Buy one Put)
10	Straddle Calendar Spread	SCS	4	-1 P (Sell one Put) -1 C (Sell one Call) +1 P (Buy one Put) +1 C (Buy one Call)

	Strategy Name	GL Code	Number of Legs	Leg Description
11	Diagonal Straddle Calendar Spread	DSS	4	-1 P (Sell one Put) -1 C (Sell one Call) +1 P (Buy one Put) +1 C (Buy one Call)
12	Condor	CDR	4	+1 F (Buy one Future) -1 F (Sell one Future) -1 F (Sell one Future) +1 F (Buy one Future)
13	Packs (White Pack) (Red Pack) (Green Pack) (Blue Pack)	PCK	4	+1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future)
14	Bundles (Bundle 1Year) (Bundles 2 Years) (Bundles 3 Years) (Bundle 4 Years)	BUN	4,8,12,16	+1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future) +1 F (Buy one Future)
15	Strip	STR	>=4 <=16	+ n1 F (Buy n1 Futures) + n2 F (Buy n2 Futures) + n3 F (Buy n3 Futures) + n4 F (Buy n4 Futures) + n5 F (Buy n5 Futures) + n6 F (Buy n6 Futures) + n7 F (Buy n7 Futures) + n8 F (Buy n8 Futures) + n9 F (Buy n9 Futures) + n10 F (Buy n10 Futures) + n11 F (Buy n11 Futures) + n12 F (Buy n12 Futures) + n13 F (Buy n13 Futures) + n14 F (Buy n14

	Strategy Name	GL Code	Number of Legs	Leg Description
				Futures) + n15 F (Buy n15 Futures) + n16 F (Buy n16 Futures)
16	Call Volatility	VOL	2	+ C (Buy one Call) - F (Sell Futures)
	Put Volatility	VOL	2	+ P (Buy Put) - F (Sell Futures)
	Call Spread Volatility	VOL	3	+ C (Buy Call) - C (Sell Call) - F (Sell n Futures)
	Put Spread Volatility	VOL	3	+ P (Buy Put) - P (Sell Put) - F (Sell Futures)
	Straddle Volatility	VOL	3	+ P (Buy Put) + C (Buy Call) + F (Buy Futures)

The Display Menu

The ***Display*** menu includes the following functions:

- Main control window
- Fixed window
- Dynamic Insert
- Select data display
- Highlighting
- Show/Hide title and menu
- Show/Hide data title
- Show/Hide scrollbars
- Show/Hide button bar
- Show/Hide detail
- Tabs
- Font
- Colors
- Print
- Quit

Main control window

For detailed information, see the ***Main Control window*** function in the ***Display*** menu of the Option Watch window.

Fixed window

For detailed information, see the ***Display -> Fixed window*** function in the Market Watch window.

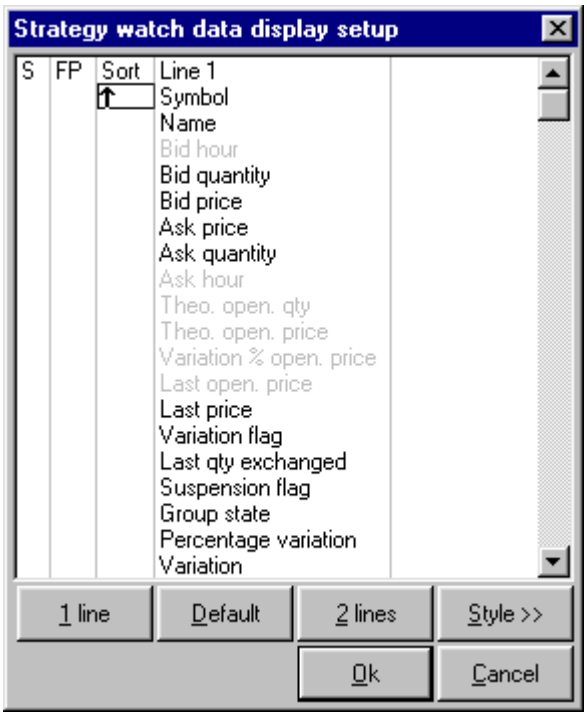
Dynamic Insert

Tick this option to automatically add every new strategy created by the SLE to your Dictionary selection.

*Note: This functionality is only available if the Sources section in the `glflux.ini` configuration file has been set up correctly, including the News origin: 93 (**Euronext LIFFE code**), and only concerns traders using the LIFFE market.*

Select data display...

The ***Select Data Display...*** function displays the Strategy watch data display setup window. Select the fields you want to display in the Strategy Watch window.



For detailed information, see the ***Display -> Select data display*** function in the Market Watch window.

Highlighting

For detailed information, see the ***Display -> Highlighting*** function in the Market Watch window.

Show/Hide title and menu

For detailed information, see the ***Display -> Show/Hide title and menu*** function in the Market Watch window.

Show/Hide data title

For detailed information, see the ***Display -> Show/Hide data title*** in the Market Watch window.

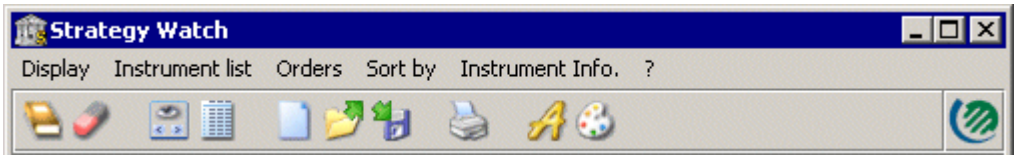
Show/Hide scrollbars

For detailed information, see the ***Display -> Show/Hide scrollbars*** function in the Market Watch window.

Show/Hide button bar

This function displays or hides the icon bar.
The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities you can also access through the window menus.

Strategy Watch icon bar:



Show/Hide detail

Shows or hides a secondary window displaying the details of the selected strategy.

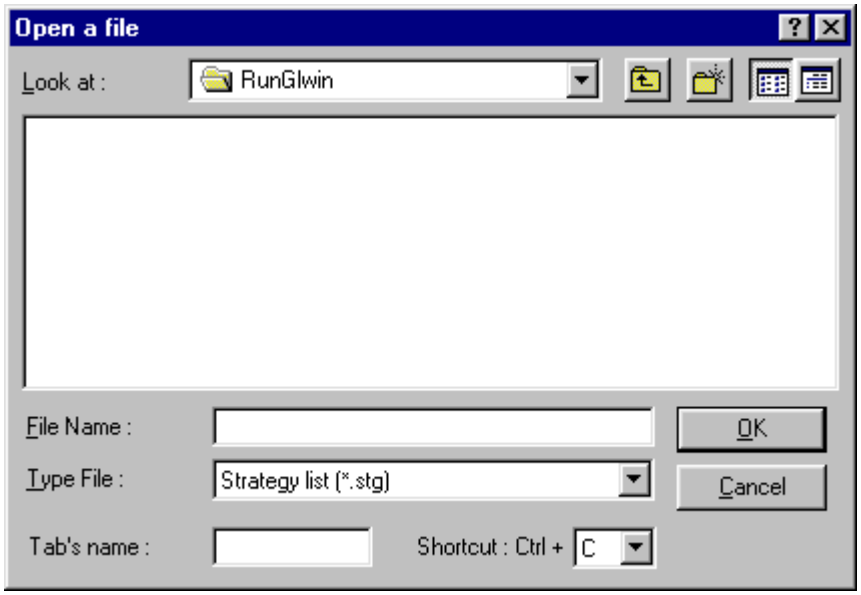
Tabs

The ***Tabs*** sub-menu enables you to add, delete or rename a tab or modify the position of tabs.
Tabs are used to create rapid access to lists of instruments.

- Add Tab
- Delete Tab
- Modify Tab
- Tabs position

Add Tab

The *Add a Tab* function displays the following dialog box:



Select a `.stg` list previously created and saved through the ***Save list...*** function.
Enter the name of the tab in the **Tab's Name** field.
You can select a shortcut from the list associated with the **Ctrl +** field.
Then, click on **OK** to create the tab or on **Cancel** to exit the function.

Delete tab

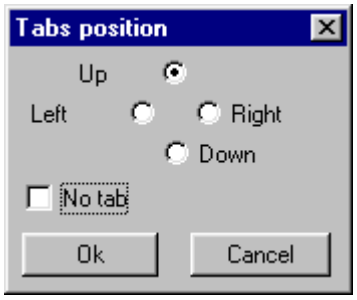
Erases the selected tab.

Modify tab

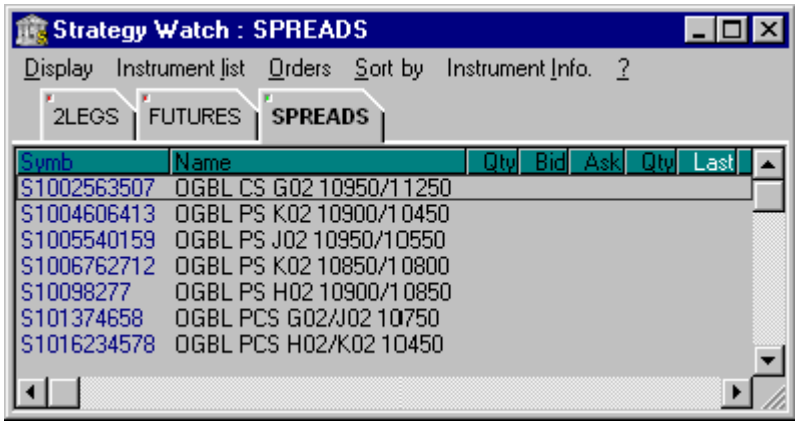
Enables you to rename the selected tab, change the list linked to this tab or change the shortcut.

Tabs position

You can position created tabs with this function. The Tabs position dialog box includes four positions represented by radio buttons. You can choose an up, down, left or right position. You can also decide to display no tab at all by selecting the **No tab** option.



Click on **Ok** to validate or on **Cancel** to quit.


Strategy Watch : SPREADS
Display Instrument list Orders Sort by Instrument Info. ?
2LEGS FUTURES SPREADS
Symb Name Qty Bid Ask Qty Last
S1002563507 OGBL CS G02 10950/11250
S1004606413 OGBL PS K02 10900/10450
S1005540159 OGBL PS J02 10950/10550
S1006762712 OGBL PS K02 10850/10800
S10098277 OGBL PS H02 10900/10850
S101374658 OGBL PCS G02/J02 10750
S1016234578 OGBL PCS H02/K02 10450

Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

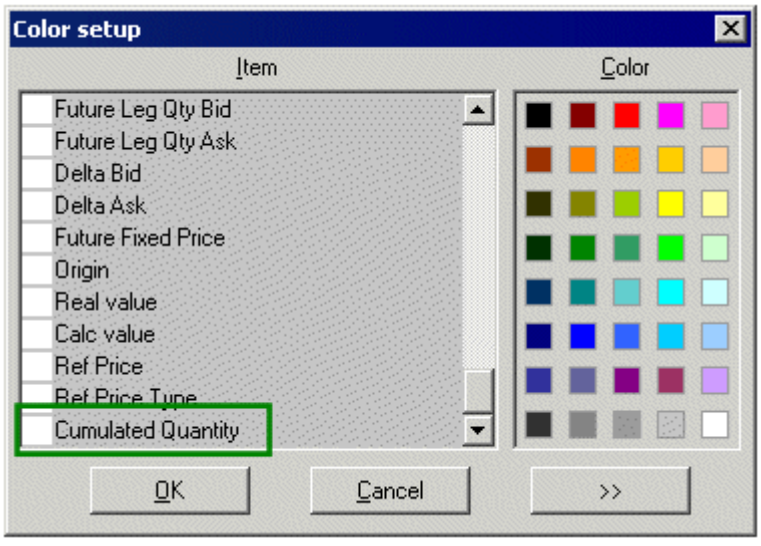
Colors...

Modifies the color and background of pages and highlights certain information.
To get further information, see the ***Colors*** explanation associated with the ***Display*** menu of the Market Watch window.

Cumulated Quantity

If the quantity displayed in the **Best Bid Qty** and **Best Ask Qty** columns:

- is equal to the Calculated Bid/Ask Quantity the background is highlighted according to the colors selected for Calc Value
- is equal to the Bid/Ask Quantity, the background is highlithed according to the colors selected for Real Value.
- is the addition of Calculated and Real Quantity, the background is highlighted according to the colors selected for Cumulated Quantity.



Print...

To get detailed information, see the ***Print*** explanation associated with the ***Display*** menu of the Market Watch window.

Quit

(Alt F4)

Exits the Strategy Watch window.

The Instrument List Menu

This menu includes the following functions:

- Dictionary
- Delete
- Open list
- Save list
- Speed access for lists

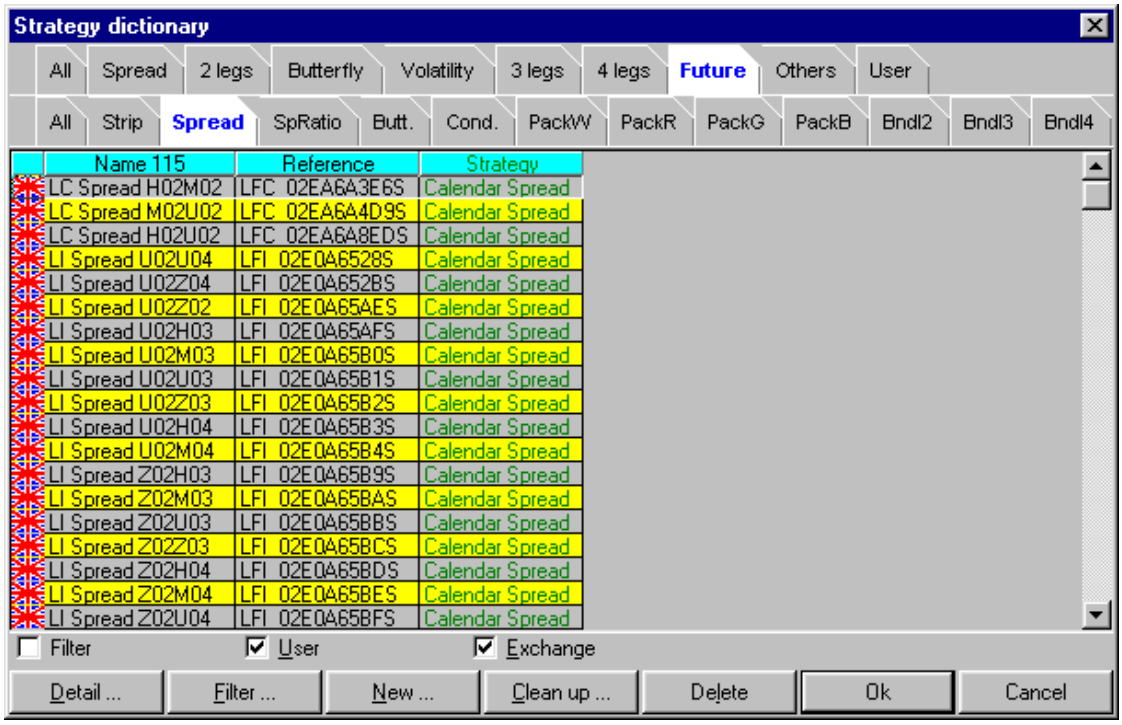
Dictionary...

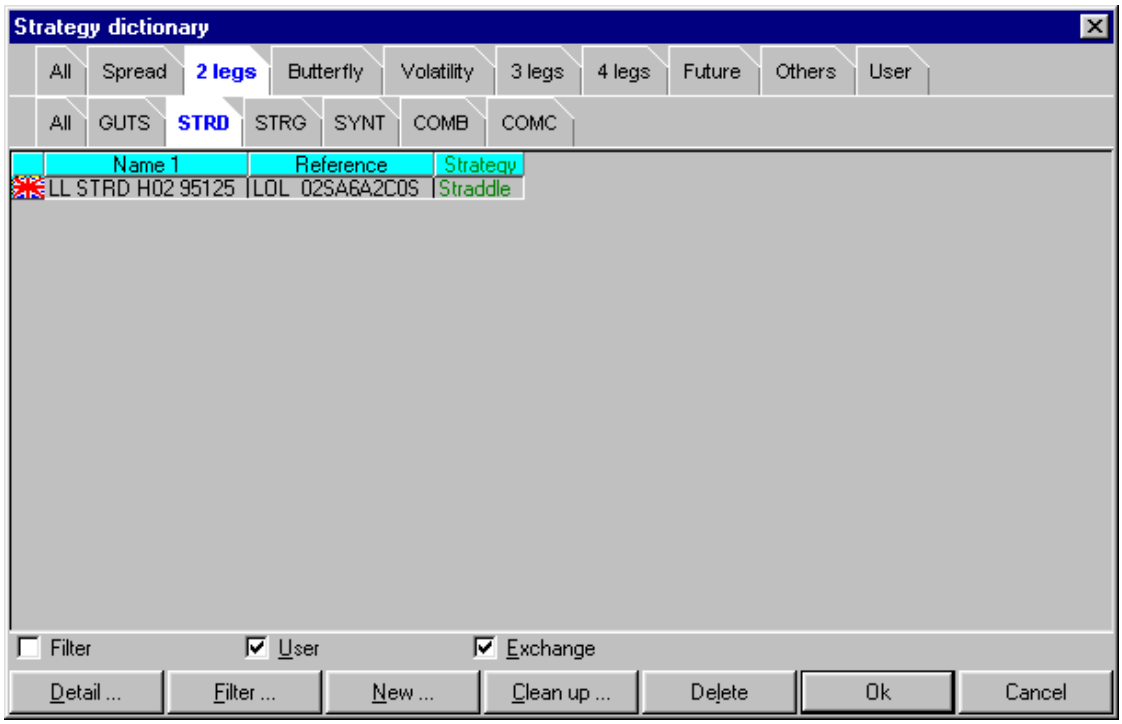
Insert

The Strategy dictionary is used to list existing strategies and to create new strategies. It is accessed via the **Insert** key from the Strategy Watch, Market Depth for Strategies and Best Limits windows.

Window layout
Button bar functionalities

- Detail
- Filter
- New
- Clean up
- Delete
- Validation





Window layout

The **first line of tabs** includes all types of strategies:

- Spread
- 2 legs
- Butterfly
- Volatility

- 3 legs
- 4 legs
- Future
- Others: strategies which do not belong to pre-defined categories.
- User: user-defined strategies. These strategies are created locally and are not displayed via the datafeed server (SLC).

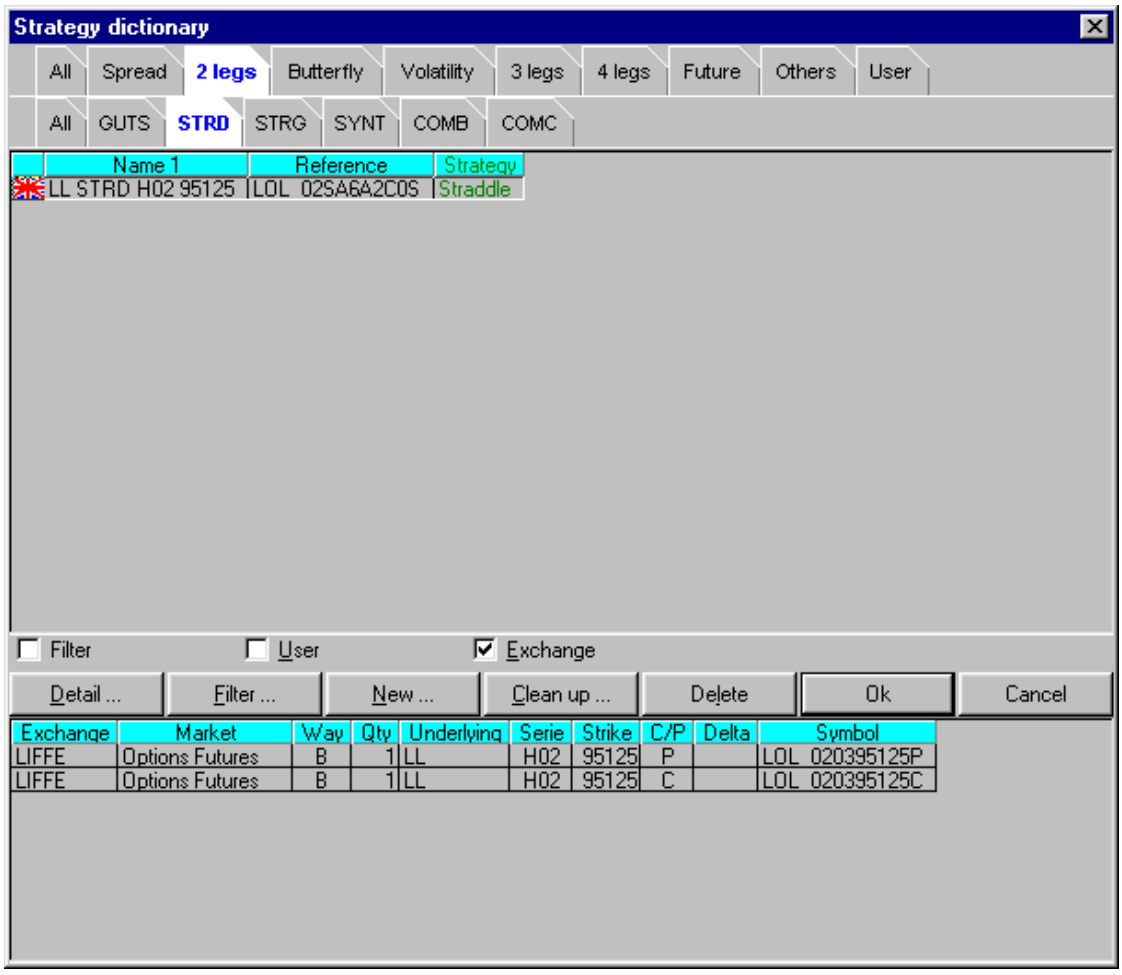
The **second line of tabs** includes all strategy names.

*Example: all 2 legs strategies are displayed by clicking on the **2 legs** tab on the first line, and then by clicking on the relevant tab on the second line: **STRD** displays all straddles.*

The **bottom line of buttons** and the check boxes enable you to execute the following functionalities.

Button bar functionalities

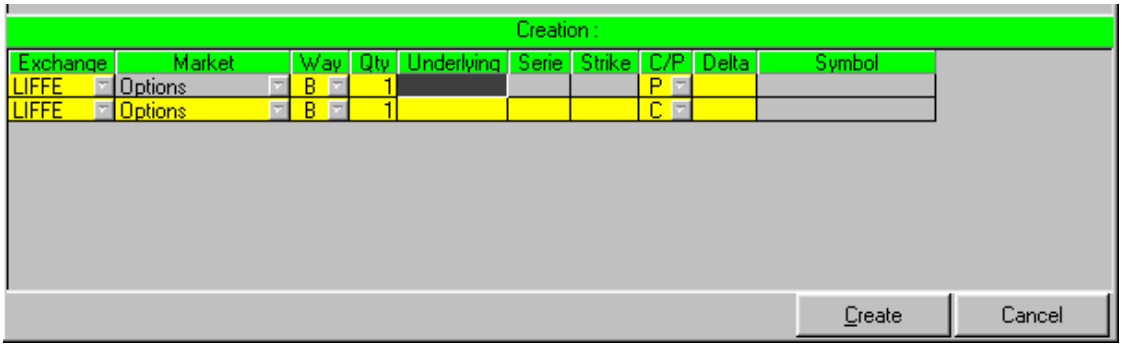
Detail...
Displays the contract details of the legs making up the selected strategy.
In the following example, the details for the strategy straddle LL STRD H02 95125 specify the exchange name, associated market, buy/sell way, quantity, underlying, leg description (buy 1 put - buy 1 call) and delta.



Filter...

Filters the displayed strategies.

New...
Creates a new strategy.
In order to trade a strategy, this strategy must be recognized by the exchange. If you do not see the strategy listed in the Strategy Dictionary, the strategy desired must be created.
The Cash section in the Dictionary (LIFFE) enables you to know the code of the underlying stock used to create the strategy.



To create a new strategy:

1. Using the tab bars at the top of the Strategy Dictionary, select the type of strategy which is to be created.
2. Click on the **New...** button. The Strategy dictionary window extends and displays a section for the creation of a new strategy. The definition zone for the strategy is automatically partially filled (in yellow), leaving on a minimum number of parameters to be completed (in grey).

*Note: Before clicking on the **New...** button, make sure the Strategy Trading Station window is open.*

   - Enter the Underlying contract code (eg. LL) in the **Underlying** field (the code can be found in the Cash section).
   - Enter the maturity date (eg. M02 - June 02) in the **Serie** field. If you type *M*, the due date is automatically displayed.
   - Enter the strike price in the **Strike** field (except for the Volatility leg where the strike defines the underlying price according to the strategy to be created).
   - Define the **Delta** for Volatility strategies, as a value between 1 and 1000.
   - Then, enter the **Symbol** of the strategy.

3. Click on the **Create** button to create the strategy. The GL WIN system sends a request to the market to create the requested strategy. The market reference code for the new strategy is placed in the Reference field of the dictionary.

Note: A price must exist for each leg before you can create the strategy (LIFFE rule).

Clean up...
Cleans the local GL WIN dictionary by removing all strategies for which at least one leg has expired.

Delete...
Removes a strategy from the dictionary.

Filter, User, Exchange check boxes

These check boxes enable you to display the information by user or by exchange.
Filter: sorts strategies by market.
User: sorts the strategies created by the user.
Exchange: sorts all the strategies which were not created by the user.

Validation
To add a strategy to the Strategy Watch window, press **Enter** on the selected strategy in the dictionary. You can also type the strategy code directly in the Strategy Watch window.

Then, click on **OK** to save the modifications you carried out in the dictionary or on **Cancel** to return to the previous configuration of the dictionary and exit the function.

Delete

Del

For detailed information, see the ***Instrument List -> Delete*** function in the Market Watch window.

Open list...

Opens a strategy list file previouly saved through the ***Save list...*** function.
Select the file to be opened and click on **OK** to validate.

Save list...

Saves the current strategy.
After you have specified the file to be saved in the **File Name** field, click on the **Save a file** button to validate.

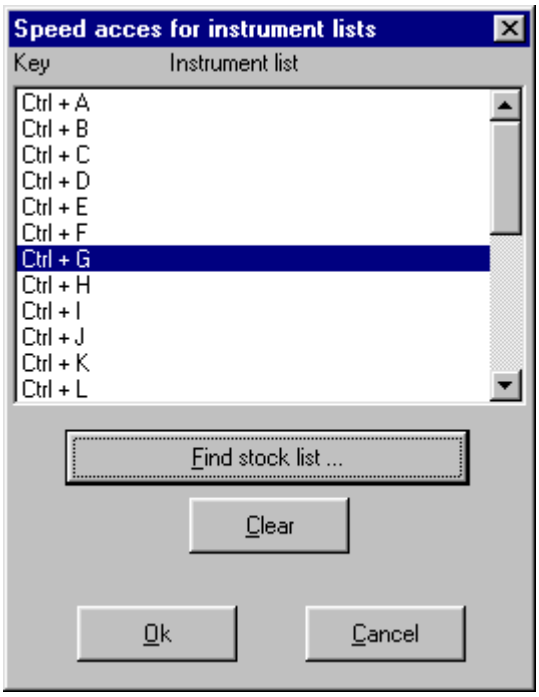
Clear List

(Ctrl + Del)

Clears the list of instruments displayed in the Strategy Watch window or in the active tab.
Nevertheless, you can open the cleared list using the ***Open List...*** function.

Speed access for lists...

Enables you to allocate a shortcut key to a customized list of instruments previously created.



Click on the desired shortcut key, then on the **Find Stock List...** button to select the customized list (.stk file format).
In the Strategy Watch window, a **Tab** button will be displayed for each personalized list, which has been assigned a shortcut key.

Use the **Clear** button to delete an allocated shortcut key.

Click on **OK** to validate or on **Cancel** to exit the function.

The Orders Menu

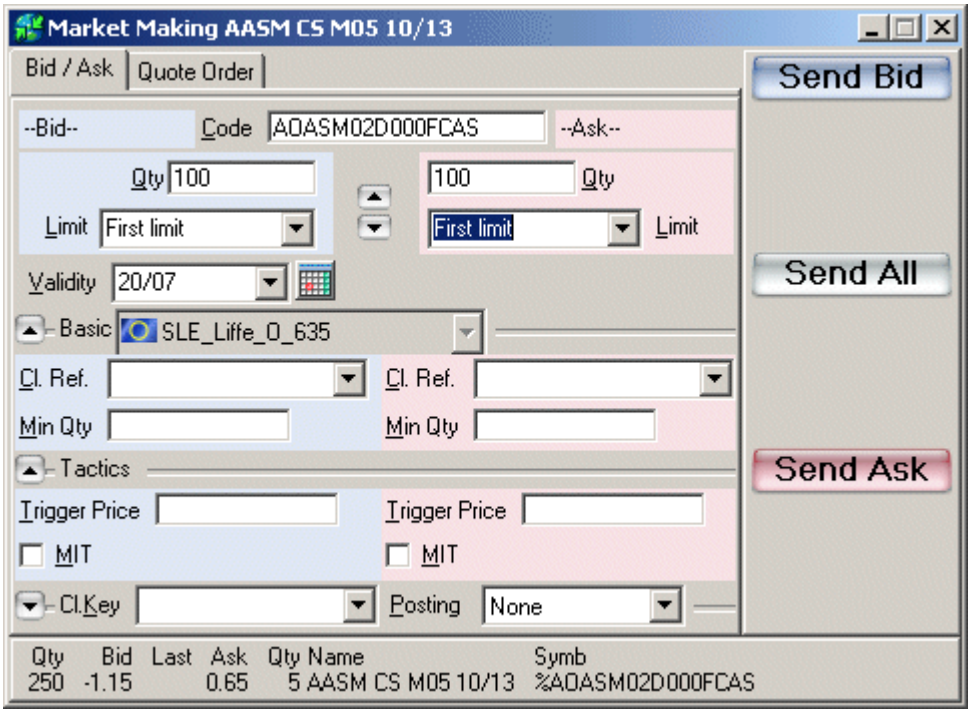
See the StrategyTrading Station presentation.
This menu is displayed only if you are connected to a SLE (Server Link to Exchange) and if the Strategy Trading Station window is open. The SLE is the server used to send orders to the Exchange and receive acknowledgments.
This menu includes the following functions:

- Buy
- Sell
- Take
- Hit
- Cross
- Bid/Ask
- Request for Quote
- Trade Report Cross

Bid/Ask

(Ctrl F6)

This window enables you to send a bid and offer on the instrument. It is possible to send Bid and Ask at the same price with one click from this window.
Traders have to keep in mind that with this function orders can hit the market virtually simultaneously to execute the order. However, for instance the Euronext.liffe market, does not ensure a “secured cross” as it does for the "guaranteed crossing" order: one part of the attempted cross can be executed on the market before the opposite order has reached it.



For a detailed explanation of all the fields of this dialog box, see the ***Order -> Buy...*** function.

The Sort By Menu

For detailed information, see the table of available sort options in the Introduction of the ***Sort By*** menu in the Market Watch window.

The Instrument Info Menu

This menu provides you with direct access to certain GL WIN functionalities supplying additional information about the strategy on which the cursor is positioned (you can also access these functions via the GL Deskbar).

- Instrument characteristics
- Best limits

Instrument characteristics...

For detailed information, see the ***Instrument Info -> Characteristics*** function in the Market Watch window.

Best limits - Strategy

(F7)

For detailed information, see the description of the Best Limits window.

The Filter Menu

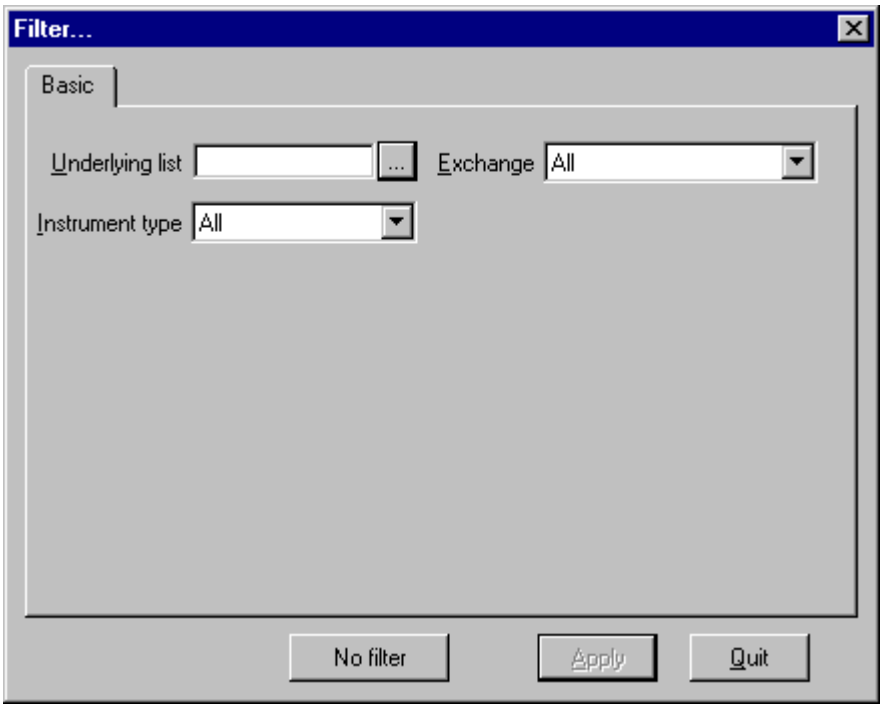
This menu enables you configure and manage filters in the Strategy Watch window. It contains the following items:

- Edit Filter
- No Active Filter
- Cleared Filtered Items
- Start Up List
- New Strategy Insertion

Edit Filter

(**Ctrl + F4**)

Sets up filters on specific criteria.



Underlying list
Enables you to add a .stk list of underlying instruments.

Exchange
Enables you to select a particular exchange or all of the available exchanges.

Instrument type
Enables you to define a particular instrument type to filter.

No Active Filter

Disables currently active filter.

Cleared Filtered Items

Clears the list of filtered items from the Strategy Watch window.

Start Up List

Inserts the start up list of instruments.

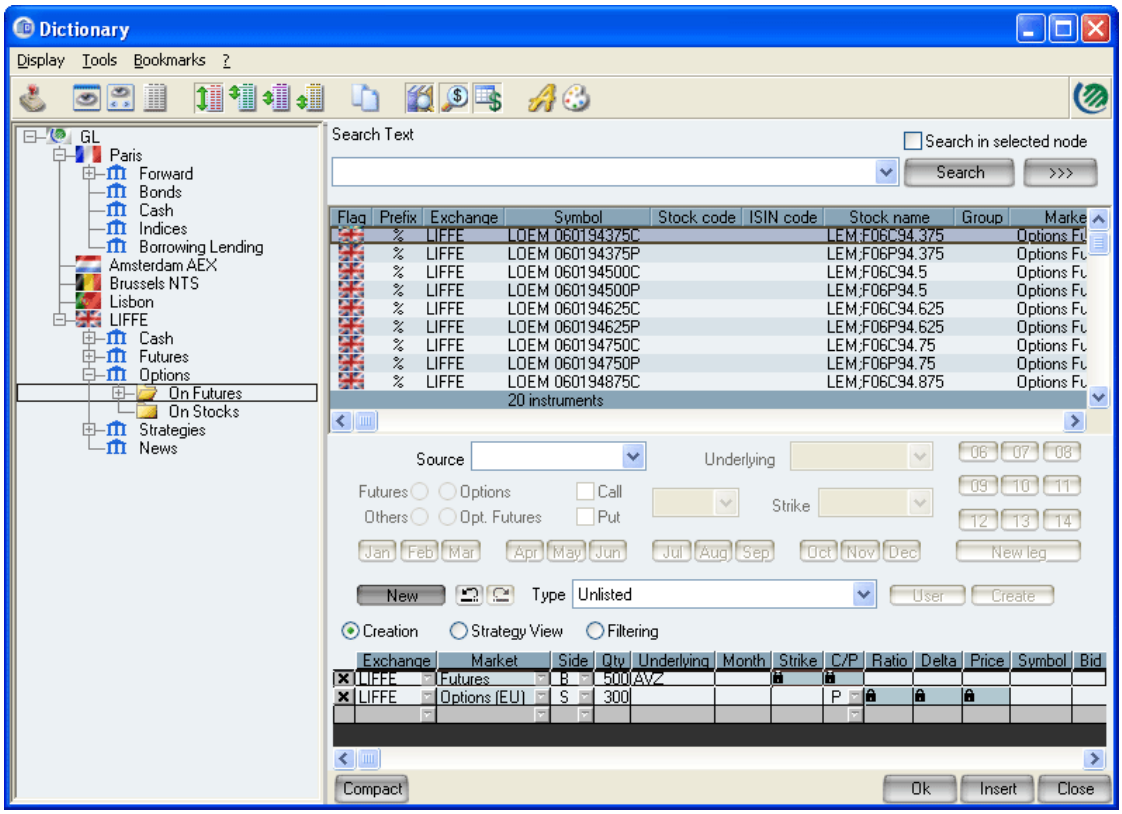
New Strategy Insertion

Displays newly created strategies.

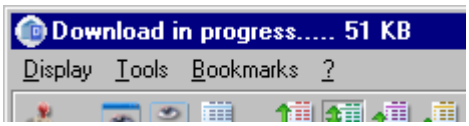
The Dictionary Window

(Insert)

The Dictionary window can be opened either directly from the toolbar icon or from any GL WIN application featuring the **Insert** dictionary shortcut. In the latter case, the name of the calling application is displayed in the title bar. When you select instruments in the dictionary, the calling application is controlled by the selected instrument(s).



When opening the Dictionary window shortly after launching GL STREAM WS, you may need to wait until all the data is downloaded via the SLC. You are informed of the download progress at the top of the window.

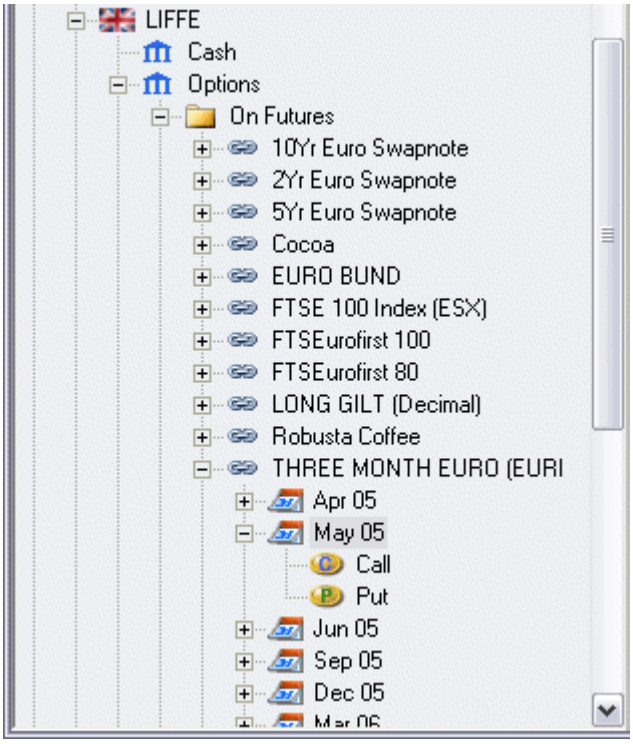


By default, the Dictionary window displays two main windows:

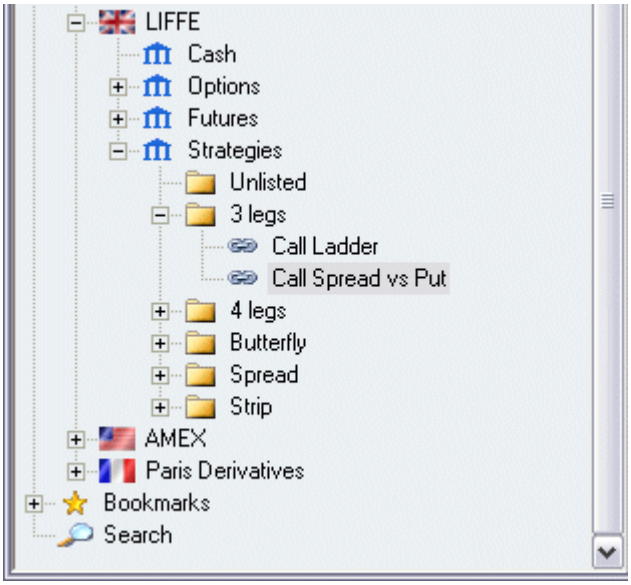
- The Explorer view
- The List view

The Explorer View

The Dictionary window's explorer view displays detailed market and product type information, for example derivatives expiries. The explorer view below shows derivatives sorted by Underlying, then by Expiry and Call/Put for options. Within the main instrument display zone, you can also sort derivatives by maturity date.



Below, strategies are sorted by strategy type.



Below, securities are sorted by Exchange groups.

The V5 dictionary enables you to quickly access the instruments you work with by creating ***bookmarks***.

The List View

The List View of the Dictionary window displays instrument information. It contains more columns than the standard dictionary (Expiry, Strike, Type, etc...), and you can customize the fonts and colours as desired.

The dictionary also contains the ***Code Finder*** and ***Strategy Builder*** modules, which you can display either by selecting them from the ***Tools*** menu, or by clicking on the appropriate toolbar icon.

The Dictionary window contains the following buttons:

Compact
Toggles between standard and compact mode.

OK (standalone dictionary only)
Inserts the selected instrument(s) in the Market Watch then closes the dictionary (note that you must select **Main control window** from the dictionary's ***Display*** menu or by clicking on the toolbar button).

Insert (standalone dictionary only)
Inserts the selected instrument(s) in the Market Watch (note that the **Window controlled by stock list** item must be selected in the Market Watch ***Display*** menu).

Close
Closes the Dictionary window.

The Dictionary window includes the following menus:

- Display
- Tools
- Bookmarks

The Display Menu

This menu includes the following functions:

- Main Control Window
- Column Setup
- All Columns

- Column 1
- Column 2
- Column 3
- Compact Mode
- Show/Hide Explorer
- Show/Hide Title and Menus
- Show/Hide Button Bar
- Show/Hide Scroll Bars
- Show/Hide Data Title
- Font
- Colors
- Quit

Main Control Window (standalone mode only)

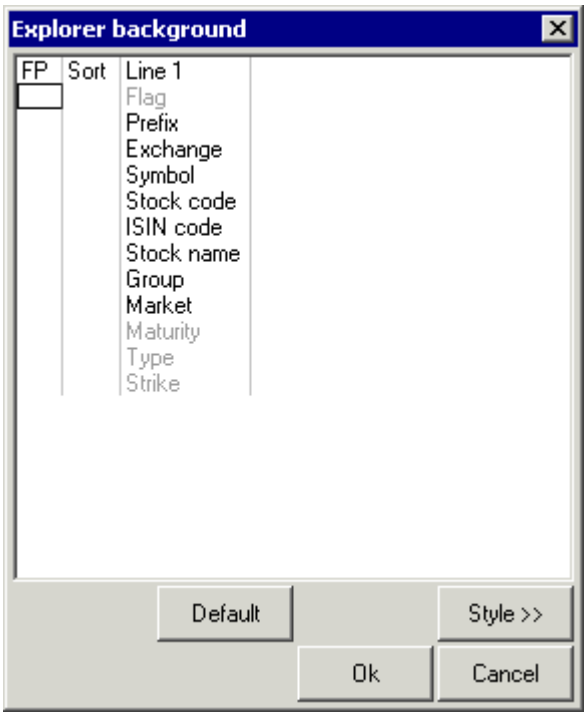
With the ***Main Control window*** function, you can control one or several windows. In this way, via the Dictionary window, you can control the following windows:

- Time and Sales
- Market Depth
- Instrument Characteristics
- etc...

When the active instrument is modified in the main control window, all controlled windows are updated accordingly.

Column setup

Enables you to select the fields to be displayed in the dictionary.
Displays the ***Data Setup*** dialog box.



For detailed information, see the description of the ***Display -> Select Data Display*** function of the Market Watch window.
You can either double-click on column headers (to switch from one custom view to the next), or use the following icons to customise the display from this menu:

Customising The Columns

The shortcuts can all be customised, with the exception of **All Columns,** by following the steps below:

1. Click the shortcut you want to customise (for example **).**
2. Click the **Data Setup** icon .
3. Select the columns you want to appear in the modified shortcut, and the order they will appear in, and click **OK**.

All columns

Displays all columns in the List View.

Custom 1

Displays the following columns in the List view by default:

- Exchange
- Prefix
- Symbol
- Stock Code
- ISIN Code

- Stock Name
- Group and
- Market

Custom 2

Displays the following columns in the List view by default:

- Exchange
- Prefix
- Symbol
- Stock Code
- ISIN Code
- Stock Name

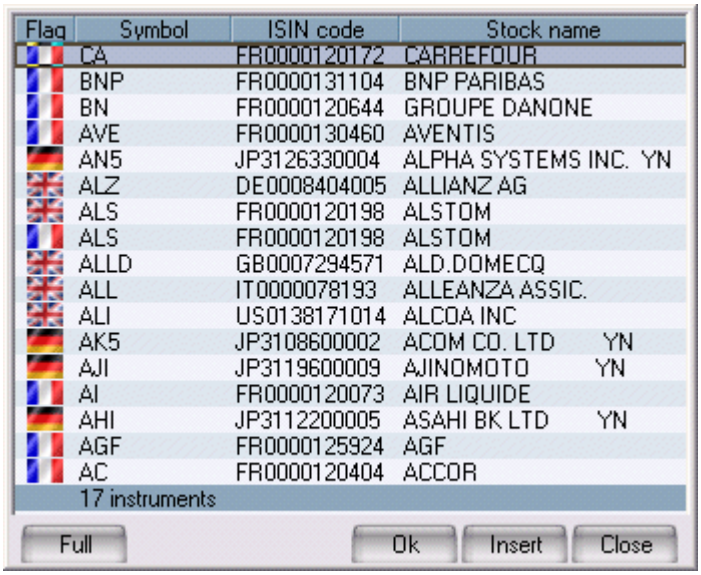
Custom 3

Displays the following columns in the List view by default:

- Symbol
- Stock Code
- ISIN Code
- Stock Name

Compact mode

You can minimize screen space by using the dictionary's compact mode. To toggle back to normal mode, click the **Full** button.
In compact mode, you can move the window by clicking **ALT**+left mouse button.



Show/Hide Explorer

Shows/hides explorer view (on the left of the dictionary).

Show/Hide Title and Menu

This functionality displays or hides the menu bar, thus saving space on your desktop and removing unnecessary information.
To show/hide the menu bar, you can also double-click in the center of the window.

Show/Hide button bar

This function displays or hides the icon bar.
The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities you can also access through the window menus.

Show/Hide scroll bars

This function displays or hides the scrollbars in the displayed window.

Show/Hide Data Title

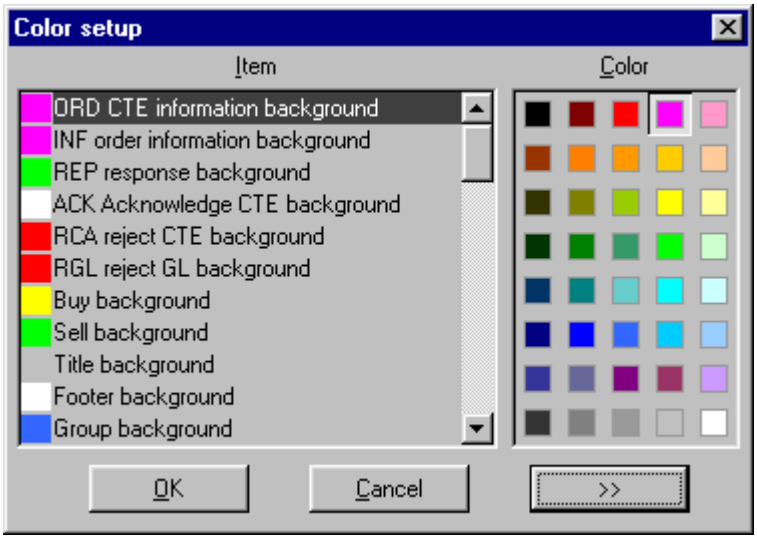
This function displays or hides the titles in the displayed window.

Font...

This setting is available on all GL WIN windows.
See the ***Font*** function explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
For further information, see the ***Colors*** explanation associated with the ***Display*** menu of the Market Watch window.



Quit

(**Alt F4**)

Exits the V5 Dictionary.

The Tools Menu

This menu includes the following functions:

- Insert to StratBuilder
- Copy to Clipboard
- Code Finder
- Strategy Builder
- Search By Text

Insert to StratBuilder

Buy Side (Alt Gr. + Click)
Creates a new leg in the StratBuilder on the Buy side.

Sell Side (Alt Gr. + Right-click)
Creates a new leg in the StratBuilder on the Buy side.

Copy to Clipboard

CTRL + C

Copies instruments selected in the list view to the clipboard.

*Note: You can use **CTRL + A** to select all instruments in the list.*

Code Finder

Displays the Code Finder in the V5 dictionary.

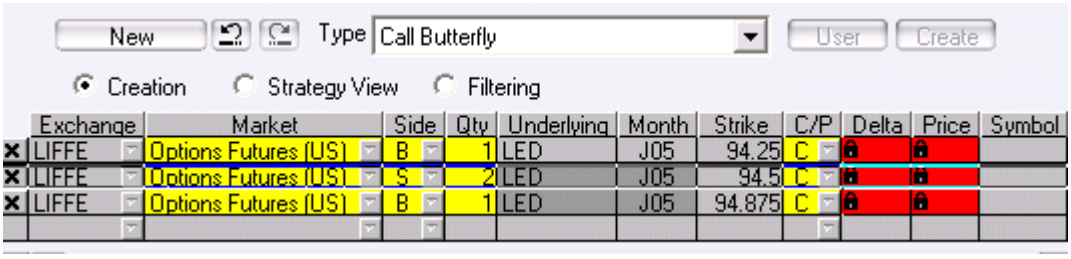
The Code Finder can be used for two reasons:

- Searching the dictionary for derivatives
- Assisting you in creating strategies

For more information on using the Code Finder, refer to its description in the ***Entry Box -> Buy*** section.

Strategy Builder

Displays the Strategy Builder in the V5 dictionary.



You can use the following three modes:

- Creation mode - create a strategy with/without the use of the Code Finder.
- Strategy Mode - the Strategy Builder displays the details (legs) of a strategy when the strategy is displayed in the list view.
- Filtering - you can use the Search module.

For more information on using the Strategy Builder, refer to its description in the ***Entry Box -> Buy*** section.

Search by Text

Displays the Search Text facility in the V5 dictionary.

The Search by Text option enables you to find instruments in long lists using limited text strings. Check the options you want to search through (**Symbol**, **ISIN code** etc) and check the **Search in selected node** option if you want to search only in the currently active and displayed node.

The Bookmarks Menu

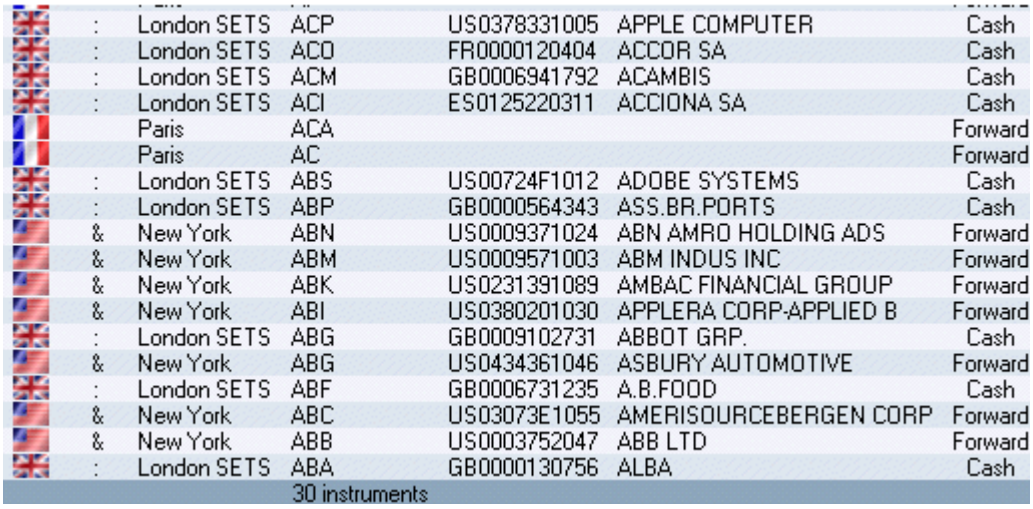
This menu includes the following functions:

- Add Bookmark from STK
- Create STK File and Bookmark
- Delete Bookmark
- Add in STK
- Delete from STK

Add Bookmark from STK

The most important feature of the bookmarks utility is the ability to display different instruments from different markets in the same List View.
To create a bookmark from an STK file:

1. In the explorer view, right-click on the level under which you want to create the bookmark, and select ***Add Bookmark from STK...*** from the popup list.
2. Select the STK file which you want to add to the bookmark section. The STK is nested under the Bookmarks section in the explorer view.



	:	London SETS	ACP	US0378331005	APPLE COMPUTER	Cash
	:	London SETS	ACO	FR0000120404	ACCOR SA	Cash
	:	London SETS	ACM	GB0006941792	ACAMBIS	Cash
	:	London SETS	ACI	ES0125220311	ACCIONA SA	Cash
		Paris	ACA			Forward
		Paris	AC			Forward
	:	London SETS	ABS	US00724F1012	ADOBE SYSTEMS	Cash
	:	London SETS	ABP	GB0000564343	ASS.BR.PORTS	Cash
	&	New York	ABN	US0009371024	ABN AMRO HOLDING ADS	Forward
	&	New York	ABM	US0009571003	ABM INDUS INC	Forward
	&	New York	ABK	US0231391089	AMBAC FINANCIAL GROUP	Forward
	&	New York	ABI	US0380201030	APPLERA CORP-APPLIED B	Forward
	:	London SETS	ABG	GB0009102731	ABBOT GRP.	Cash
	&	New York	ABG	US0434361046	ASBURY AUTOMOTIVE	Forward
	:	London SETS	ABF	GB0006731235	A.B.FOOD	Cash
	&	New York	ABC	US03073E1055	AMERISOURCEBERGEN CORP	Forward
	&	New York	ABB	US0003752047	ABB LTD	Forward
	:	London SETS	ABA	GB0000130756	ALBA	Cash
			30 instruments			

Note: You can also drag and drop an .STK file directly from Windows Explorer into the Explorer view of the dictionary.

Create STK File and Bookmark

Creates an STK file with the selected instruments and adds the created file as a bookmark.

Delete Bookmark

Deletes the bookmark currently selected in the Explorer view.

Add in STK

Appends the STK file (or bookmark) with the selected instrument(s).

Delete from STK

Available only when displaying the contents of a bookmark. When performed, the selected instrument(s) is removed from the active bookmark file.

The Instrument Summary Window

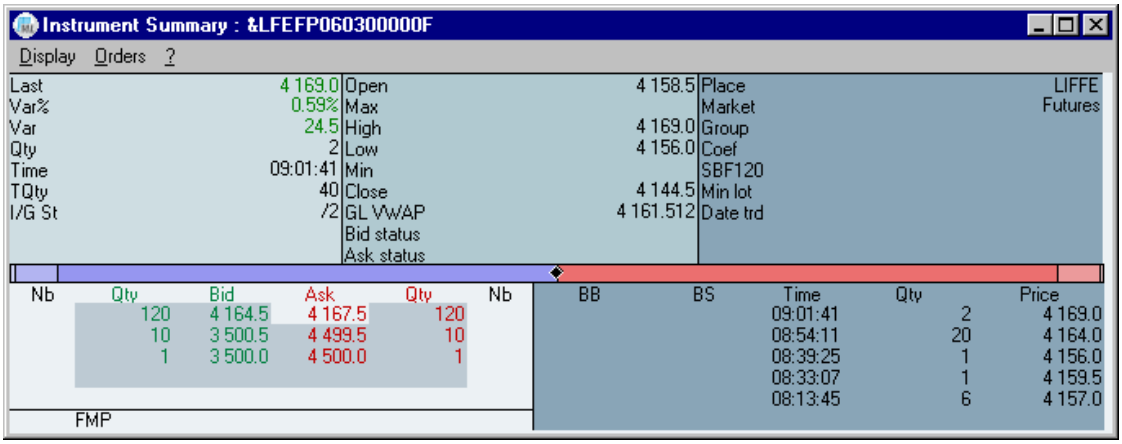
(F3)

This window is accessible from the GL Deskbar by clicking on the Market Data icon. You can also display it from the Market Watch window by selecting the ***Instrument Info. -> Instrument Summary*** function or by using **F3**.

You can configure this window by setting six different groups of information (***Display/Data Setup*** function): Last trade, Opening and Thresholds, Information, Buyer/Seller Indicator, Best Limits, Exchanges, Last Trade date.
Define the fields of your Summary window by selecting ***Display -> Select data display...***. You can then select individual fields or groups of fields.

This window contains all Instrument Summary information items.
The Instrument Summary window enables you to display further information like the five best limits or the five last transactions.

If the Instrument Summary is called from the GL Deskbar, it does not contain any default value.
To select an instrument, you can either use the Dictionary or enter the mnemonic security code (preceeded by the prefix of the market).
If the Instrument Summary is called from the Market Watch window, it automatically displays the selected security information.



By default, this window has a total of seven information areas. The market summary area is static and the six remaining areas can be customized via the ***Select data display...*** function.

1. The Heading area always displays the instrument name as highlighted in the Market Watch window. You can also type in or select from the Dictionary the instrument you wish to view after disabling the controlled function.
2. The Last Execution area (in white) displays data already contained in the Market Watch window.
3. The Open, High.. area (in yellow) displays general market information about the selected instrument (Max, High, Low, etc.).
4. The Buy/Sell Indicator band, in the centre of the window, shows the weight of each price limit on the buyer and seller sides. In the above screenshot the black diamond separates the buyer

side (left of diamond) and the seller side (right of diamond). A maximum of five limits can be displayed on each side, with the quantity of each limit represented by a different color. The white diamond shows the midpoint of the indicator (note that the colors shown depend on the color scheme selected in the ***General Settings -> Display*** window).

5. The Information area (in green) displays the market location/group, minimum lots, etc.
6. The Best Limits area (in grey) displays the five best Bid/Ask prices, number of underlying orders and quantities. You can set up the number of limits to display in the **Nb Limits** section of the ***Display/Data Setup*** window. You can also use mouse trading from this area. You can toggle from best limits to total limits using the space bar. The Instrument Summary window also features a Volume Trend Display, as described in the section ***Select data display*** (Instrument Summary)
7. The Execution area (second area in green) displays data for the five last trades executed as follows : time, quantity, executed price.

The Instrument Summary window includes two menus:

- Display
- Orders

You can also right-click in the window to display a menu including all the functionalities of the Display and Orders menus.

The Display menu

This menu includes the following functions:

- Dictionary
- Controlled window
- Fixed window
- Normal limits
- Computed limits
- Select data display
- Show/Hide title and menu
- Show/Hide data title
- Show/Hide scroll bars
- Font
- Colors
- Quit

Dictionary

(Insert)

For detailed information, see the ***Dictionary*** presentation.

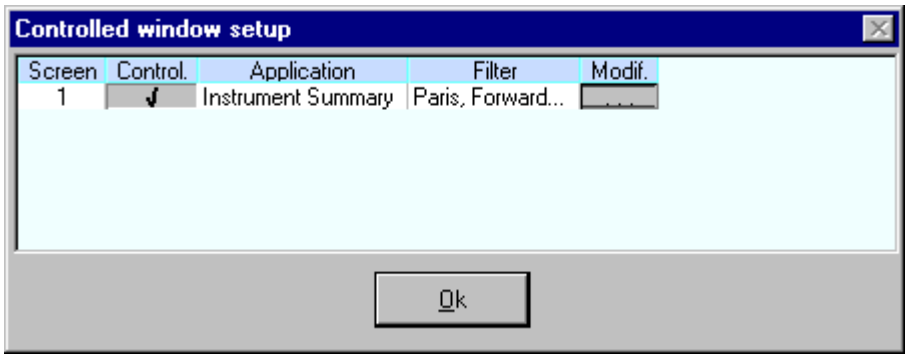
Controlled window setup...

In GL WIN, certain windows can be controlled by others.

The ***Controlled window setup...*** function enables you to pilot the window with the stock selected in the Market Watch or Trading Station windows. So, as soon as the active instrument has been modified in the main window, this modification also appears in the controlled window.

Moreover, market segments can be specified in piloted windows. For example, you can set up an Instrument Summary window piloted by options and another one piloted by the underlying on one or more virtual screens.

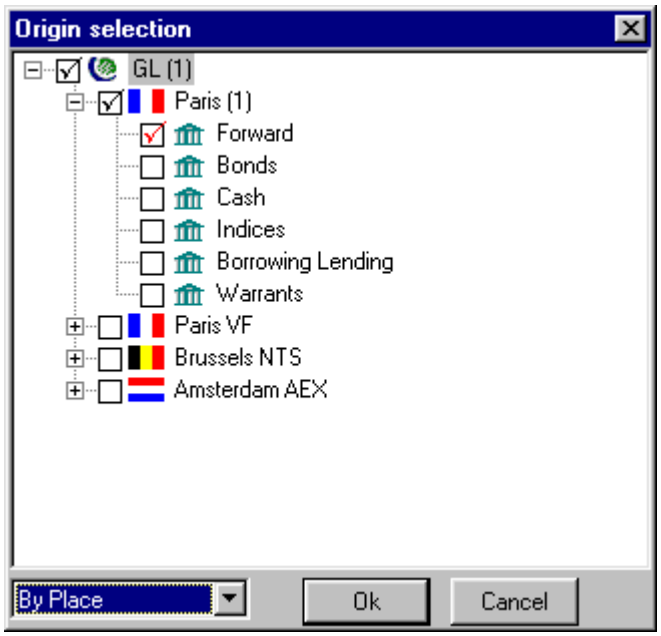
The ***Display -> Controlled window setup..***. window enables you to configure, modify and view controls.



1. In order to activate the function, select the **Control** column for the corresponding line.

A tick indicates whether or not the Market Watch window will control the Instrument Summary window (or other piloted window). The underlying instrument that is highlighted in the Market Watch window will be the instrument that is also displayed in ALL the open inheriting windows.

2. Then, click the **Modif** column to select the market segment in the Origin selection window:



To view another instrument in the controlled window, either use the **Insert** key and type the instrument name or select the Dictionary and click on the instrument you want to be displayed.

The ***Main control window*** must be selected on either the Market Watch window or the Trading Station window. This is then known as the mother window.

*Note: The **Controlled window setup...** function available in the GL Deskbar popup menu can be used to view all the controlled windows defined in the current session.*

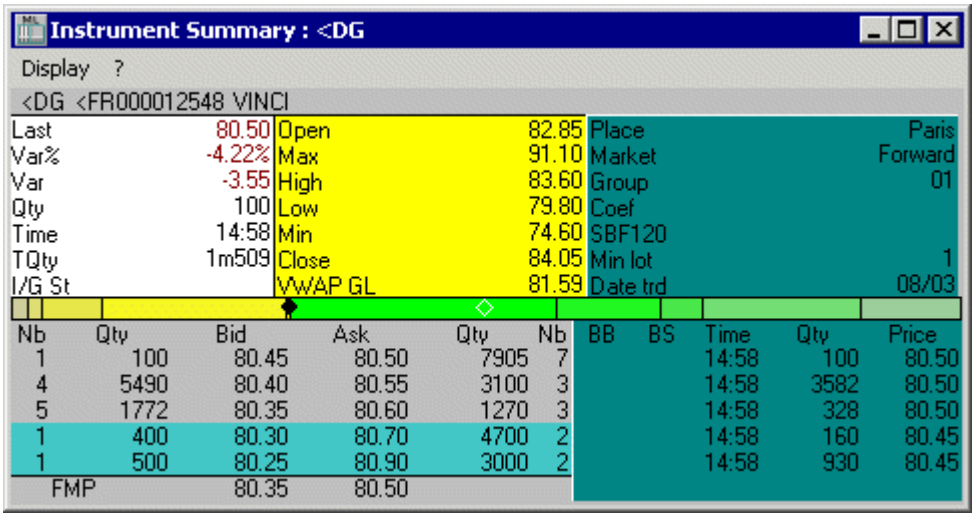
Fixed window

Use this function to display the selected window on all virtual screens that are available. GL WIN enables you to display information on four different virtual screens.
A fixed window is always displayed and can be associated with other windows according to the virtual screen displayed.

Normal limits

(Space)

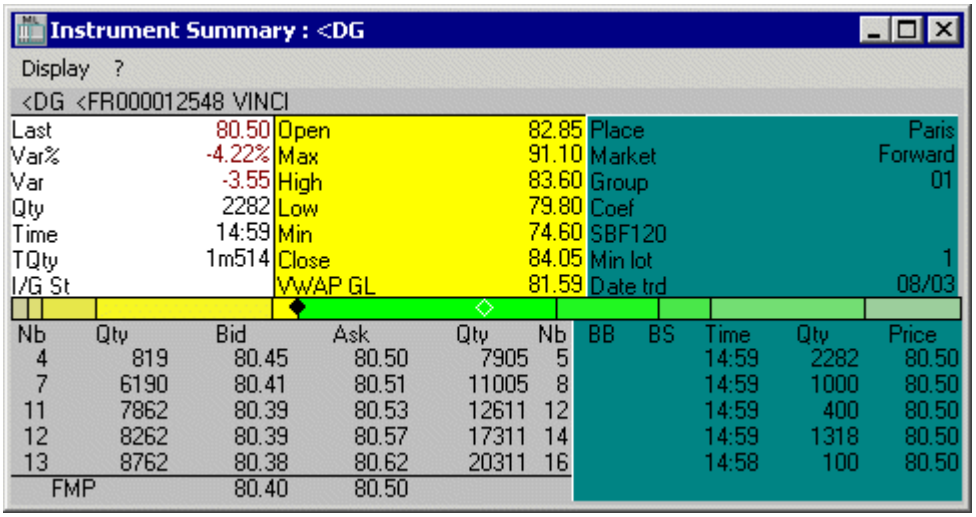
This function enables you to display normal limits in the Instrument Summary window.
You can toggle from normal limits to computed limits using the space bar.



Computed limits

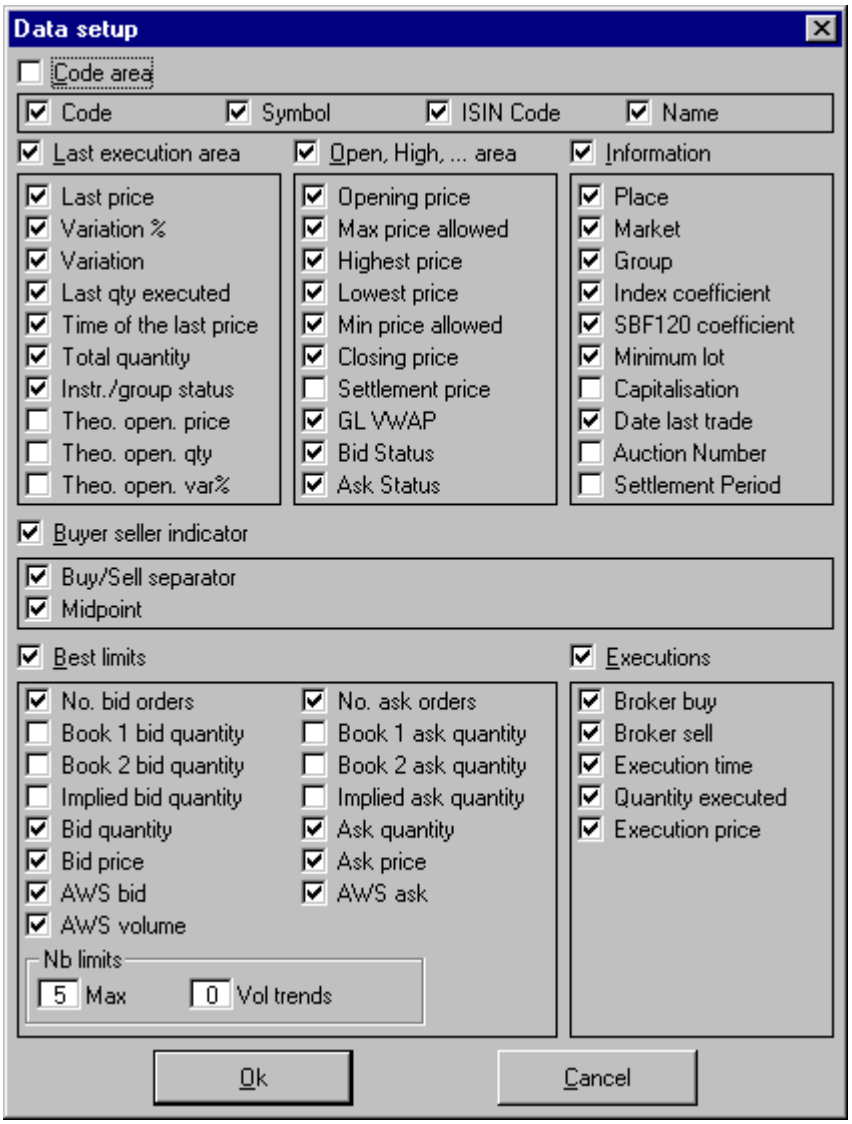
(Space)

This function enables you to display computed limits in the Instrument Summary window.
You can toggle from normal limits to computed limits using the space bar.



Column setup...

The ***Column setup...*** function enables you to customize the Instrument Summary window. It displays the Data setup window.



The Data setup window contains all the fields you can display in the Instrument summary window.

To activate the different types of fields, check the titles placed on top of the field areas.
Then, select the fields you want to display in the Instrument Summary window.

It is possible to specify the number of limits that will be used to calculate the volume trends for the comparison between the Bid and the Ask sides. With this feature it is possible to visualize easily for a given instrument if the total volume available for the first limits is higher on the bid or the ask side. The number of price limits to use for the volume trend calculation should be specified in the Vol. trends field.

Note: Only the first five price limits are available but this number can be different for specific Exchanges.

Show/Hide title and menu

This functionality displays or hides the menu bar, thus saving space on your desktop and removing unnecessary information.
To show/hide the menu bar, you can also double-click in the center of the window.

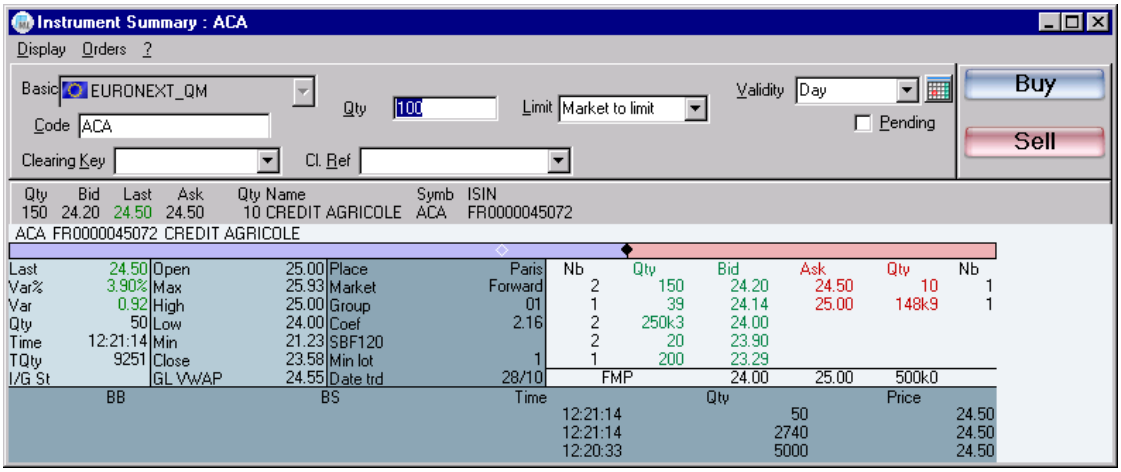
Show/Hide data title

This function displays or hides the titles.

Show Entry Box

(**-> Top/Bottom**)

This function displays an Entry Box either at the top or the bottom of the Instrument Summary window.

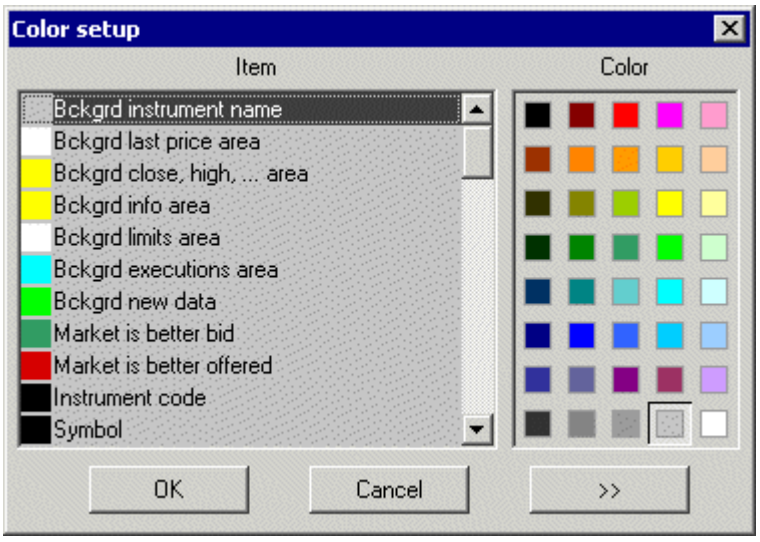

Instrument Summary : ACA
Display Orders ?
Basic EURONEXT_QM
Code ACA
Clearing Key
Qty 100
Limit Market to limit
Cl. Ref
Validity Day
Pending
Buy
Sell
Qty Bid Last Ask Qty Name Symb ISIN
150 24.20 24.50 24.50 10 CREDIT AGRICOLE ACA FR0000045072
ACA FR0000045072 CREDIT AGRICOLE
Last 24.50 Open 25.00 Place Paris
Var% 3.90% Max 25.93 Market Forward
Var 0.92 High 25.00 Group 01
Qty 50 Low 24.00 Coef 2.16
Time 12:21:14 Min 21.23 SBF120
TQty 9251 Close 23.58 Min lot 1
I/G St GL VWAP 24.55 Date trd 28/10
Nb Qty Bid Ask Qty Nb
2 150 24.20 24.50 10 1
1 39 24.14 25.00 148k9 1
2 250k3 24.00
2 20 23.90
1 200 23.29
FMP 24.00 25.00 500k0
BB BS Time Qty Price
12:21:14 50 24.50
12:21:14 2740 24.50
12:20:33 5000 24.50

Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** function explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
To get further information on the Color Setup dialog box, see the ***Colors*** function explanation associated with the ***Display*** menu of the Market Watch window.



The options **Market is better bid** and **Market is better offered** enable you to change the color of the Volume Trend indicators described in the ***Select data display*** section.
If the market is better bid, the **Qty** header is highlighted on the **Bid** side in the Best Limits area of the Instrument Summary window.
If the market is better offered, the **Qty** header is highlighted on the **Ask** side in the same part of the window.

Quit

(Escape)

Exits the Instrument Summary window.

The Orders Menu

See the Order Book and Entry Box presentations. This menu is displayed only if you are connected to a SLE (Server Link to Exchange). The SLE is the server used to send orders to the Exchange and receive acknowledgments. This menu includes the following functions:

- Buy
- Sell
- Take
- Hit
- Care Order Buy
- Care Order Sell
- Cross
- Global Order View = Order Book Filter
- Execution History = Trading Watch Filter
- Order Status
- Contribute
- Trade Report Buy
- Trade Report Sell
- Trade Report Cross

Characteristics

(Shift F9)

The Instrument characteristics window contains the main types of information available for a selected instrument.

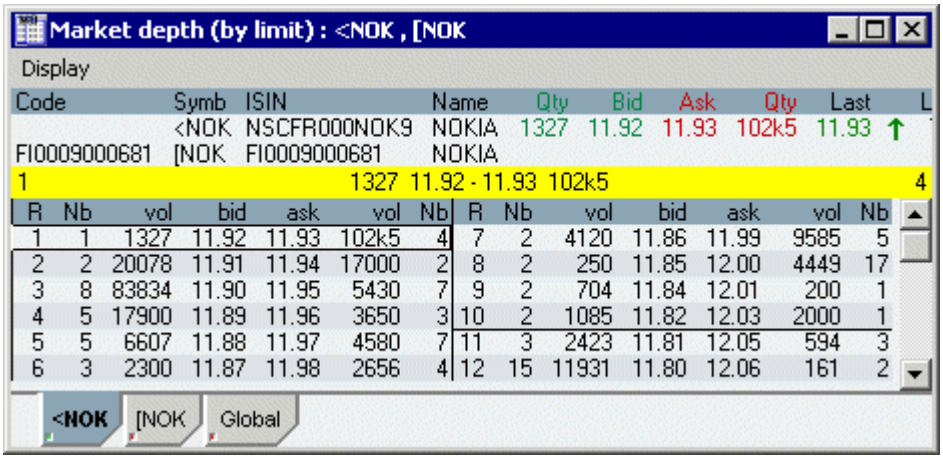
The Market Depth window

(Ctrl F3)

To access the Market Depth window, press **Ctrl F3** from the Market Watch window.
or,
from the GL Deskbar, click the **Market Data** icon and select the ***Market Depth*** function.

The Market Depth window displays the complete market depth for a stock.
Three types of market depths are available :

1. Market by order: The market depth includes all market orders
2. Market by limit: The market depth is recalculated by price
3. Cumulated limits: The market depth is calculated using total limits



Use the space bar to toggle between market by order, market by limit and cumulated limits.
This window can be controlled through the ***Display -> Controlled window*** function.

Modifying Your Own Orders

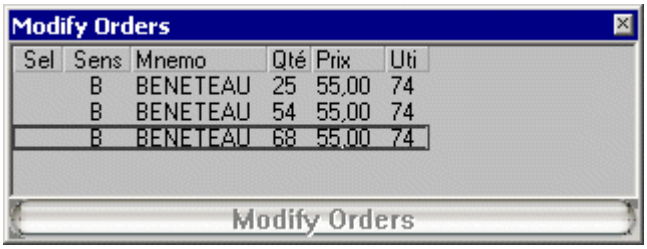
You can modify your own orders from the Market Depth window.
Press **F7** to modify the selected order, whether in Market By Order or Market By Limits mode.

In Market By Order Mode

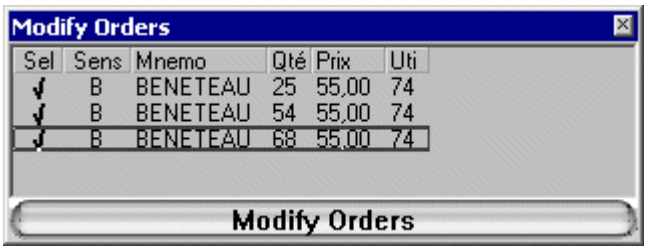
Either press **F7** or, if using Mouse Trading, left-click on the **Brk** field to modify the selected order.

In Market By Limits Mode

For a global modification on your own orders (**F7**), you must select the orders you want to modify in the Modify Orders window before clicking on the **Modify Orders** button:



However, if you press **Shift + F7**, all orders are automatically selected in the Modify Orders window:



Mouse Trading Features in Market By Limits Mode
If you left-click on the **OwnQty** or **BrkQty**, and you are using Mouse Trading, you can modify one of your own orders, or a broker's order, for the limit selected. However, if you have several orders for the selected limit, the following rules apply:
Left-click on the **OwnQty** field to globally modify your own orders for the selected limit.
Left-click on the **BrkQty** field to globally modify Broker orders for the selected limit (note that this is only available for users configured as Supervisors on the Trading server).

Cancelling Your Own Orders

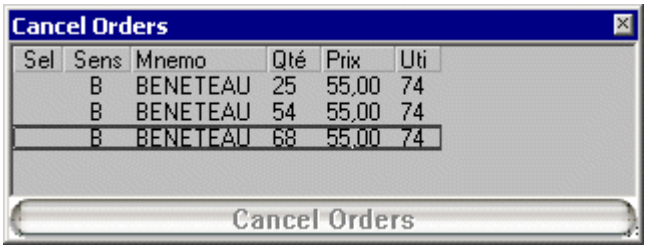
You can cancel your own orders from the Market Depth window.
Press **F8** to cancel the selected order, whether in Market By Order or Market By Limits mode.

In Market By Orders Mode

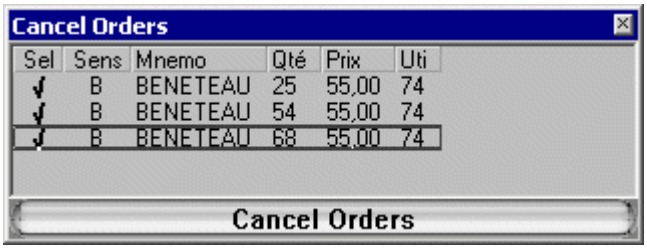
Either press **F8** or, if using Mouse Trading, right-click on the **Brk** field to cancel the selected order.

In Market By Limits Mode

For a global cancellation on your own orders (**F8**), you must select the orders you want to cancel in the Cancel Orders window before clicking on the **Cancel Orders** button:



However, if you press **Shift + F8**, all orders are automatically selected in the Cancel Orders window:



Mouse Trading Features in Market By Order Mode
If you left-click on the **OwnQty** or **BrkQty**, and you are using Mouse Trading, you can cancel one of your own orders, or a broker's order, for the limit selected. However, if you have several orders for the selected limit, the following rules apply:
Left-click on the **OwnQty** field to globally cancel your own orders for the selected limit.
Left-click on the **BrkQty** field to globally cancel Broker orders for the selected limit (note that this is only available for users configured as Supervisors on the Trading server).

The Market depth window includes two menus:

- Display
- Orders

You can also right-click in the window to display a new menu including the main functions of the ***Display*** and ***Orders*** menus.

The Display Menu

This menu includes the following functions:

- Dictionary
- Controlled window
- Controlled window on top
- Market by orders
- Market by limits
- Averaged limits
- Link Instrument
- Display Linked Instruments
- Quantity Filter...
- Board lots
- Odd lots
- Special Orders
- Market depth column setup
- Instrument column setup
- Broker Number
- Show/Hide title and menu
- Show/Hide toolbar
- Show/Hide Instrument data
- Show/Hide Yellow Strip

- Show/Hide data title
- Show/Hide scroll bars
- Highlighting
- Font
- Yellow Strip Font
- Colors
- Print
- About
- Quit

Dictionary

(Insert)

For detailed information, see the ***Dictionary*** presentation associated with the ***Display*** menu of the Market Watch window.

Controlled window setup

For detailed information, see the ***Controlled window setup..*** description associated with the ***Display*** menu of the Instrument Summary window.

Controlled window on top

This option is specific to the SETS and SEAQ markets.

Market by orders

(space)

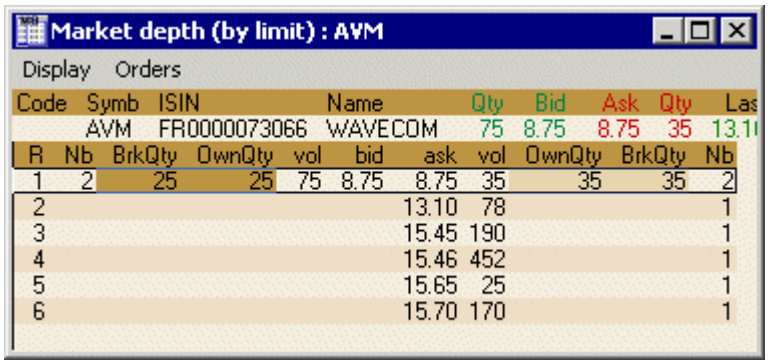
All market orders with broker names are displayed.
Use the spacebar to toggle between market by orders, market by limits and cumulated limits.

Market by limits

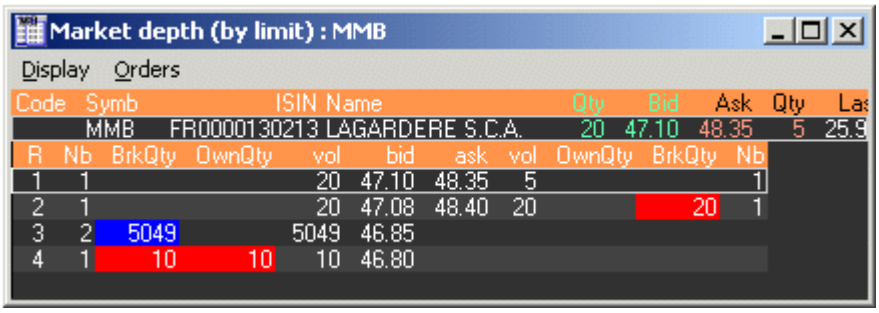
(space)

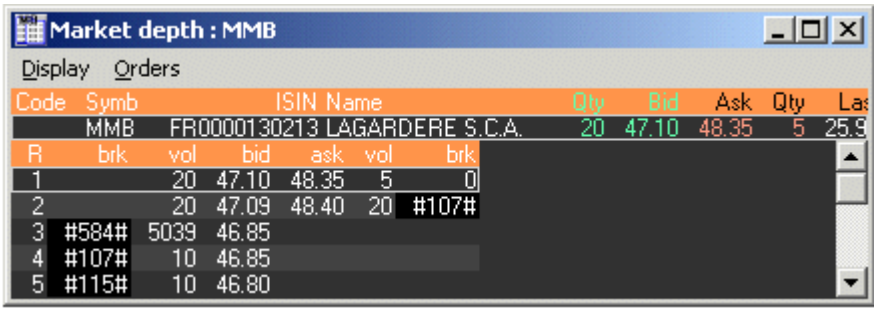
Orders are displayed by price, i.e. quantities are grouped if there are several orders at the same price.
Use the spacebar to toggle between market by orders, market by limits and cumulated limits.
You can display the quantity held both by you and the Broker (house orders) on each price limit, for bid and ask sides. To do this, select the following options in the Market Depth Data Setup window;

- Broker bid quantity
- Own bid quantity
- Own ask quantity
- Broker ask quantity


Market depth (by limit) : AVM
Display Orders
Code Symb ISIN Name Qty Bid Ask Qty Las
AVM FR0000073066 WAVECOM 75 8.75 8.75 35 13.1
R Nb BrkQty OwnQty vol bid ask vol OwnQty BrkQty Nb
1 2 25 25 75 8.75 8.75 35 35 35 2
2 13.10 78 1
3 15.45 190 1
4 15.46 452 1
5 15.65 25 1
6 15.70 170 1

If you are configured as supervisor, the **Own bid**/**Own ask** columns display the total quantity sent by the supervisor on each limit and the **Broker bid**/**Broker ask** columns show the total quantity sent by *all supervised users* on the SLE.


Market depth (by limit) : MMB
Display Orders
Code Symb ISIN Name Qty Bid Ask Qty Las
MMB FR0000130213 LAGARDERE S.C.A. 20 47.10 48.35 5 25.9
R Nb BrkQty OwnQty vol bid ask vol OwnQty BrkQty Nb
1 1 20 47.10 48.35 5 1
2 1 20 47.08 48.40 20 20 1
3 2 5049 5049 46.85
4 1 10 10 10 46.80


Market depth : MMB
Display Orders
Code Symb ISIN Name Qty Bid Ask Qty Las
MMB FR0000130213 LAGARDERE S.C.A. 20 47.10 48.35 5 25.9
R brk vol bid ask vol brk
1 20 47.10 48.35 5 0
2 20 47.09 48.40 20 #107#
3 #584# 5039 46.85
4 #107# 10 46.85
5 #115# 10 46.80

Mouse trading is activated by default by right-clicking the **Own bid**/**Own ask** and **Broker bid**/**Broker ask** column headings.
A colour indicator shows the presence of the market member on a price limit. This is only displayed when a quantity is indicated in the **Own bid**/**Own ask** columns and the **Broker bid**/**Broker ask** columns. For more details refer to the ***Colors*** section.

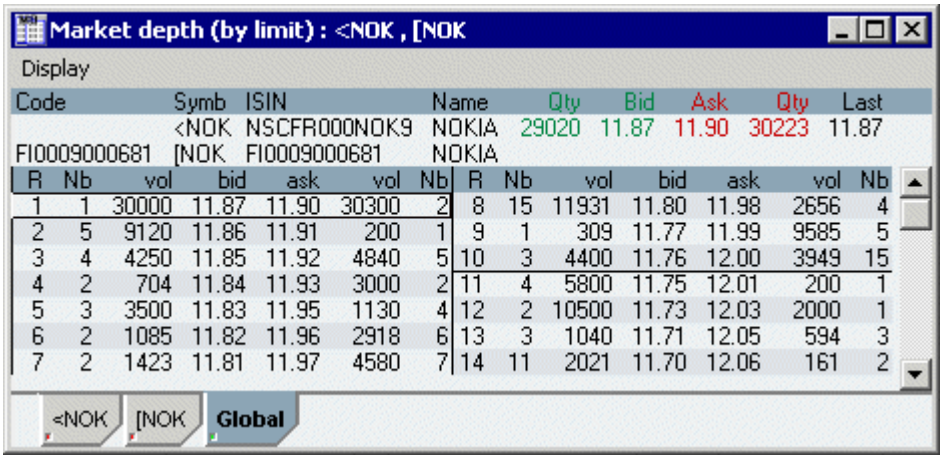
Averaged limits

(space)

The market depth is calculated using the total of quantities for each limit.
Use the spacebar to toggle between market by orders, market by limits and averaged limits.

Link Instrument

Enables you to display a global market depth merging all orders for a single instrument available on several markets. The screenshot below displays a Market Depth containing the Nokia instrument from the Paris and London SETS markets.
You can display information for either one single market or a **Global** view by clicking the tabs on the bottom of the window.
For general information about the Uniquote functionality, refer to ***Market Watch -> The Instrument List Menu -> Link Instrument***.



In Mouse Trading mode you can display several Entry Boxes at a time, one for each instrument on each market, when you click on a quantity (note that in the Market Depth window Mouse Trading is only available on quantities). In order to do this, select **Separate EntryBox per market** from the ***General Settings -> Entry Box*** window. This functionality is available in both Market By Limits and Cumulated Limits modes.

Note: This feature is not available on SLEs which handle several markets at once (for example EURONEXT equities).

Display Linked Instruments

To get further information, see the Display Linked Instruments explanation associated with the ***Instrument List*** menu of the Market Watch window.

Quantity Filter...

Select an option to display only those quantities exceeding either 10, 100 or 1000.
Tick **Display Divided Quantities** to show quantities divided by the amount you specify (10, 100 or 1000).

Board lots

Some markets authorize only trading by range, for example, by sums of 100.
The board lots, also called round lots, represent all orders except all or none orders.

If neither Board lots or Odd lots are selected, all orders are taken into account.

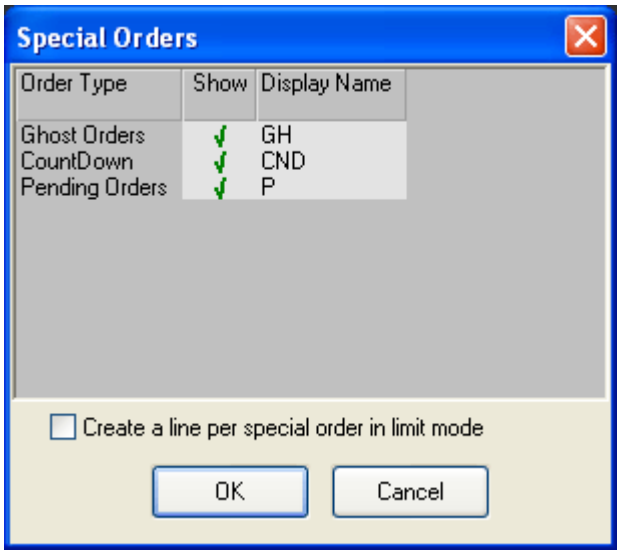
Odd lots

Some markets authorize only trading by range, for example, by sums of 100. The odd lots represent the all or none orders only.

If neither Board lots or Odd lots are selected, all orders are taken into account.

Special Orders

Displays the Special Orders window.



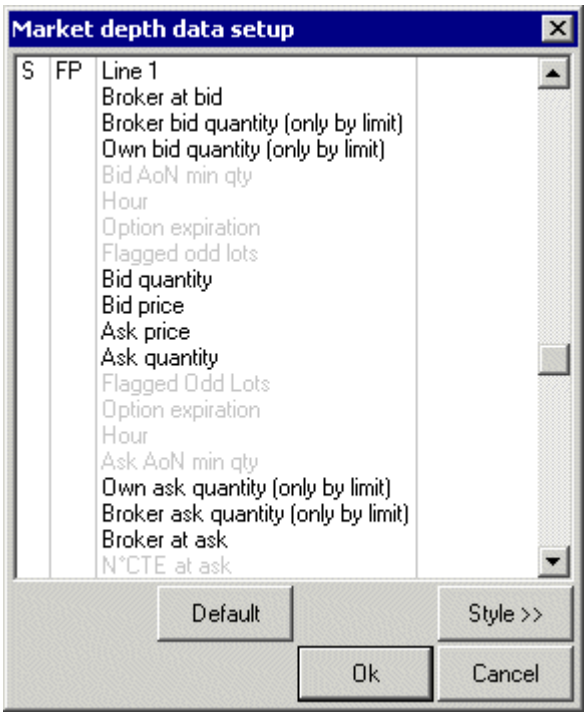
The Special Orders window enables you to display certain GL TACTICS orders that you have created in the Market Depth window. These orders are not released actually on the market, but give an idea of your relative position in the market as well as when they are likely to be executed. This option is available for the following order types:

- Ghost Orders
- CountDown
- Pending Orders

Select the **Order Type** you wish to display. After the relevant order type is then created, it is displayed in the Market Depth window with the **Display Name** (**GH/CND/P**) next to the amount in the **Vol** column.

Market depth column setup...

In the Market Depth Data Setup dialog box, select the fields you want to display in the third line (under the instrument name) of the Market depth window.



Information displayed in grey will not appear in the Market Depth window; information displayed in black will appear.

You can also change the order of the horizontal display. To do this, click, then drag and drop the item you want to move to its new position.

The **S** field is used for inserting a separation line between the columns of the Market Depth window.
To add a separation, just click in the **S** field, between the two titles you want to separate.
To remove a separation, click on the line in the **S** field.

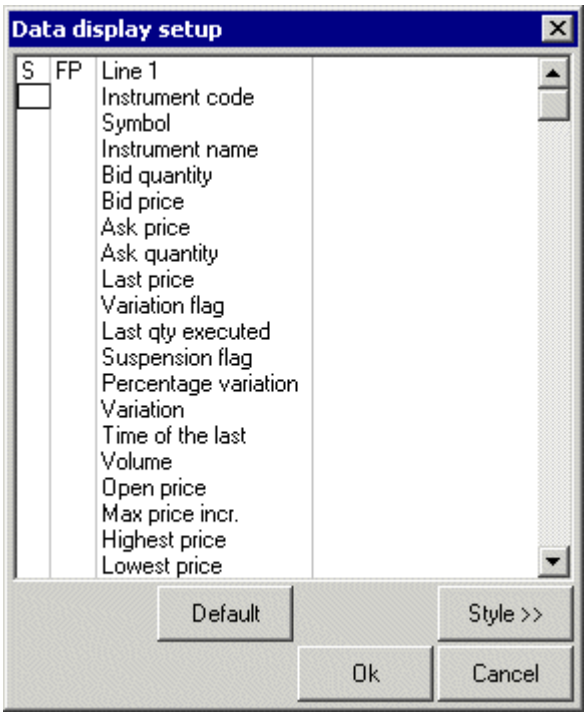
The **FP** field is used to fix the position of selected data when you are scrolling from left to right within the window.
To do this, click in the **FP** field in front of the data you always want to be visible in your window.
To undo the fixed position, click in the **FP** field, on the line.

When you click on the **Style** button a new dialog box is displayed.
In the **Cursor shape** pane**,** select the type of cursor you want.
In the **Cursor properties** pane, select its properties.

To apply the GL WIN default configuration, click on the **Default** button.
Then, click on **Ok** to validate or on **Cancel** to return to the initial configuration.

Instrument column setup...

The ***Instrument column setup*** function displays the Data display setup dialog box.
Select the fields you want to display in the Market depth window.



This window contains all the fields you can display in the second line of the Market Depth window, directly under the menus. Select the desired information.
Information displayed in grey will not appear in the Market Depth window; information displayed in black will appear.

You can also change the order of the horizontal display. To do this, click, then drag and drop the item you want to move to its new position.

The **S** field is used for inserting a separation line between the columns of the Market Depth window.
To add a separation, just click in the **S** field, between the two titles you want to separate.
To remove a separation, click on the line in the **S** field.

The **FP** field is used to fix the position of selected data when you are scrolling from left to right within the window.
To do this, click in the **FP** field in front of the data you always want to be visible in your window.
To undo the fixed position, click in the **FP** field, on the line.

When you click on the **Style** button a new dialog box is displayed.
In the **Cursor shape** pane**,** select the type of cursor you want.
In the **Cursor properties** pane, select its properties.

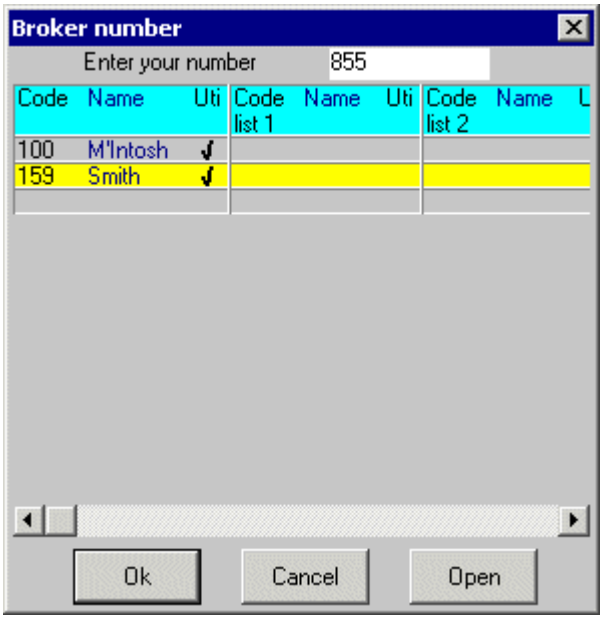
To apply the GL WIN default configuration, click on the **Default** button.
Then, click on **Ok** to validate or on **Cancel** to return to the initial configuration.

Broker Number

If you are declared as supervisor of several traders (on one of several SLE trading servers) you can associate a name to each user ID. The name can be seen in the Market Depth window next to each order sent by the corresponding user.

*Note: In order to activate this option please make sure that the parameter **Supervisor=O** is in each SLE section of your glflux.ini GL WIN configuration file (letter O, not zero).*

In the **Enter your number** field, specify the broker number for a non-anonymous market. In the case of an anonymous market, the field indicates a user ID. The broker number has priority over the user ID.
Enter the user ID in the **Code** column and press Return.
Enter the name of the associated user in the **Name** column and press Return.
Tick the **Uti** column to activate the user name display in the Market Depth window (user ID only).
Click **Ok** to validate, **Cancel** to cancel changes, or **Open** to open a saved setup.



Note: This function is only available in the Market by order mode.

Show/Hide Title and Menus

This functionality displays or hides the menu bar, thus saving space on your desktop and removing unnecessary information.
To show/hide the menu bar, you can also double-click in the center of the window.

Show/Hide toolbar

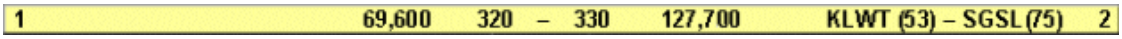
Displays or hides the toolbar.

Show/Hide Instrument data

Shows or hides the instrument data displayed in the first line of the Market Depth window.

Show/Hide Yellow Strip

Shows or hides the Yellow Strip displayed under the Instrument Data line.



Descriptions of Information Zones

The yellow strip is made up of eight information zones. From left to right, these are as follows:

- Number of Quotes at the best bid price (1 in the above example)
- Market Maker offering the best bid (this is blank in the above example, since in this case the best price has no Market Maker ID associated to it)
- Volume available at the best bid (69,600 in the above example)
- Best Bid price (320 in the above example)
- Best Ask price (330 in the above example)
- Volume available at the best Ask price (127,700 in the above example)
- Market Maker offering the best ask price. In the above example, two Market Makers, KLWT and SGSL, are offering the same ask price, so both are displayed in order of arrival. The number in brackets is the size or volume of their order in thousands (KLWT is offering 52700 so this is rounded to 53).
- Number of Quotes at the best Ask price (2 in the above example)

The matrix below shows the sequence of orders represented by the Yellow Strip above.

Time	Who	Size	Bid Price	Ask Price	Size	Who	Time
12:20		69,600	320	330	52, 700	KLWT	12:05
12:19	KLWT	70,100	319	330	75, 000	SGSL	12:19
12:22		2,500	318	333	62, 400		12:54
13:48		64,900	316	335	6, 500		13:47
10:45	SGSL	63,100	315	340	24,000		10:25

Show/Hide data title

This function displays or hides the titles.

Show/Hide scroll bars

This function displays or hides the scrollbars.

Highlighting

Corresponds to the Highlighting option in the Market Watch/Market Watch + windows.
See the description given for the Highlighting option in the Market Watch window for more details.

Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

Yellow Strip Font

Use this function to change the Yellow Strip font, its type and size.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
To get general information, see the ***Colors*** explanation associated with the ***Display*** menu of the Market Watch window.

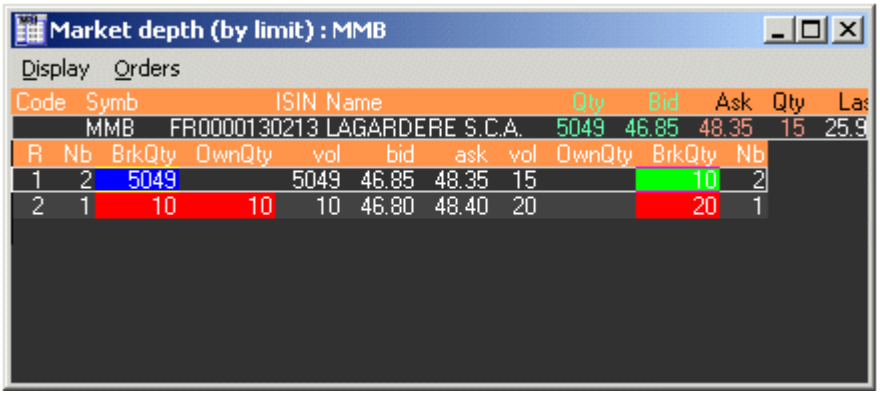
Market By Limits Default Colors

The following colors are used by default to show the presence of the market member on a price limit, in Market by Limits mode:

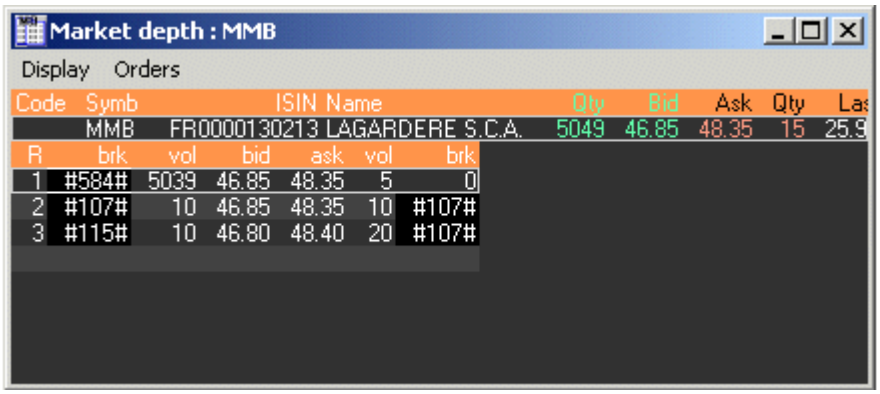
*Note: These default settings are subject to changes made to the color scheme in the **General Settings -> Display** window.*

Red indicates that the price limit is held by only one house order
Blue indicates that the member holds the limit with several house orders
Green indicates that the member is present on the limit with at least one order. This means that other market members or other house users (but not supervised) are present on the limit.

General Behaviour
The colors indicate a comparison between the total quantity sent by the supervised users and the market volume on a given limit.
For limit Rank 1 in the below screenshot the broker holds the first limit at bid with 2 orders (blue colour). The broker is present on the first limit at ask (green colour) with a quantity of 10 coming from user 107.
For Limit Rank 2 in the below screenshot, the broker holds the second limit at bid (red colour) with only one order coming form the supervisor user 115.
The second limit at Ask is also held by the broker (red colour).


Market depth (by limit) : MMB
Display
Orders
Code Symb ISIN Name Qty Bid Ask Qty
MMB FR0000130213 LAGARDERE S.C.A. 5049 46.85 48.35 15
R Nb BrkQty OwnQty vol bid ask vol OwnQty BrkQty Nb
1 2 5049 5049 46.85 48.35 15 10 2
2 1 10 10 10 46.80 48.40 20 20 1

For Limit Rank 1 in the below screenshot there are two orders at 46.85; one for user 584 and one for user 107.
For Limit Rank 2 in the below screenshot, the order is from user 107.


Market depth : MMB
Display
Orders
Code Symb ISIN Name Qty Bid Ask Qty
MMB FR0000130213 LAGARDERE S.C.A. 5049 46.85 48.35 15
R brk vol bid ask vol brk
1 #584# 5039 46.85 48.35 5 0
2 #107# 10 46.85 48.35 10 #107#
3 #115# 10 46.80 48.40 20 #107#

Print...

For detailed information on this function see the ***Print*** explanation associated with the ***Display*** menu of the Market Watch window.

About

Displays information on the current GL WIN version.

Quit

(Escape)

Exits the Market Depth window.

The Orders Menu

See the Order Book and Entry Box presentations.

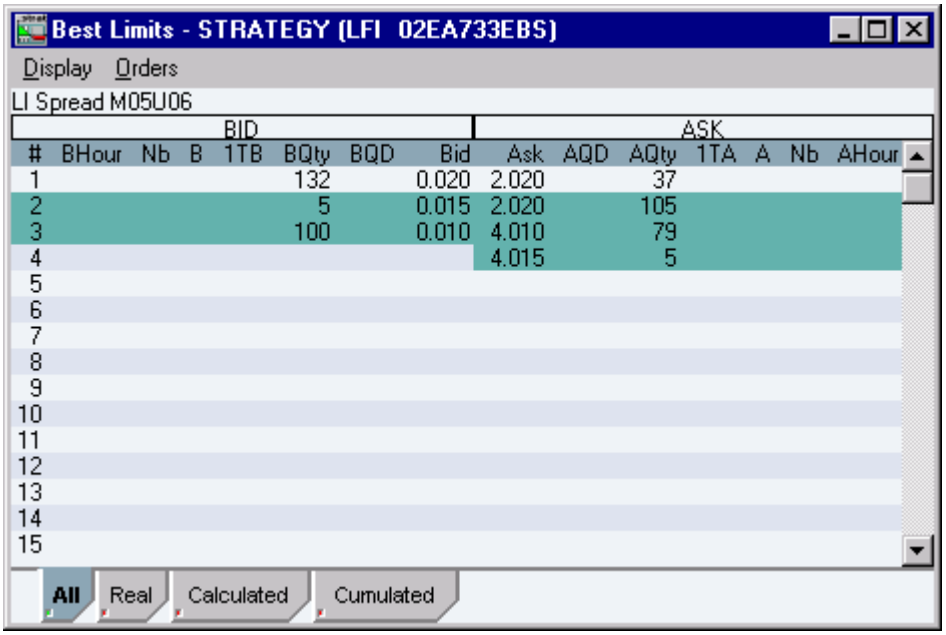
This menu is displayed only if you are connected to a SLE (Server Link to Exchange). The SLE is the server used to send orders to the Exchange and receive acknowledgments.

This menu includes the following functions:

- Buy
- Sell
- Take
- Hit
- Care Order Buy
- Care Order Sell
- Cross
- Global Order View = Order Book Filter
- Execution History = Trading Watch Filter
- Order Status
- Contribute
- Trade Report Buy
- Trade Report Sell
- Trade Report Cross

The Best Limits - Strategy window (Market Depth for Strategies)

This window displays the market depth represented in price limits for the strategy requested. This window combines market prices for a given strategy with the calculated prices taken from the individual legs. You can either trade single legs or trade the strategy directly.
It is also possible to mouse trade from this window.
To display this window, click on the strategy desired in the Strategy Market Watch window or press **F7**. It is also accessible from the GL Deskbar under the Market Data icon.



There are 3 ways to display limit information:

All

Display of both Real and Calculated prices.

Real

Display of market prices appearing on the strategy order book.

Calculated

Display of calculated prices using individual legs composing the strategy.

Note: This window should calculate theoretical prices for all strategies listed EXCEPT for Volatility strategies. This window should not calculate theoretical prices for inter-commodity spreads.

Cumulated

Display of cumulated implied and real quantities.

The Best Limits window includes the following menus:

- Display
- Orders

The Display Menu

This menu includes the following functions:

- Dictionary
- All limits
- Real limits
- Calculated limits
- Controlled window
- Fixed window
- Select data display
- Show/Hide title and menu
- Show/Hide data title
- Show/Hide scroll bars
- Show/Hide button bar
- Show/Hide name
- Tabs
- Font
- Colors
- Print
- Quit

Dictionary...

(Insert)

For further information, see the ***Instrument List -> Dictionary*** function in the Strategy Watch window.

All limits

(Space)

Displays both Real and Calculated prices.

Real limits

(Space)

Displays market prices appearing on the strategy order book.

Calculated limits

(Space)

Displays calculated prices using the individual legs composing the strategy.

Controlled window setup...

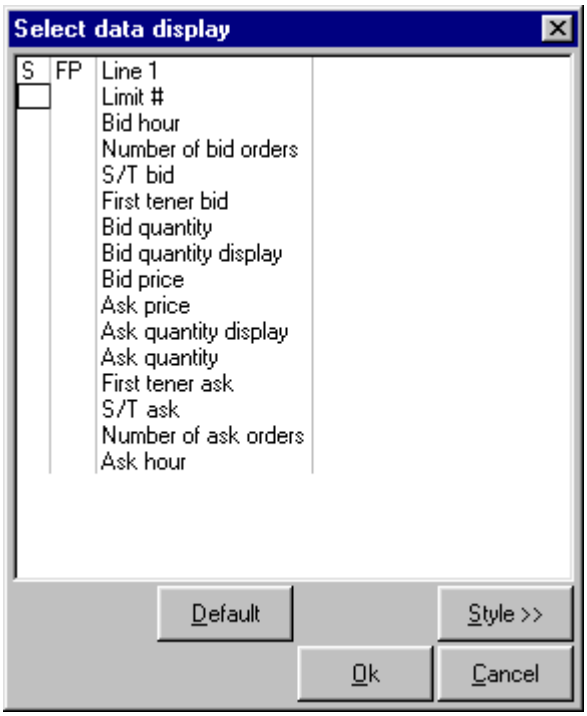
For detailed information on this function see the ***Controlled window setup...*** presentation associated with the ***Display*** menu of the Instrument Summary window.

Fixed window

For detailed information, see the ***Display -> Fixed window*** function in the Market Watch window.

Select data display...

The ***Select Data Display...*** function enables you to select the fields you want to display in the Best Limits window.



For detailed information, see the ***Display -> Select data display*** function in the Market Watch window.

Show/Hide title and menu

For detailed information, see the ***Display -> Show/Hide title and menu*** function in the Market Watch window.

Show/Hide data title

For detailed information, see the ***Display -> Show/Hide data title*** in the Market Watch window.

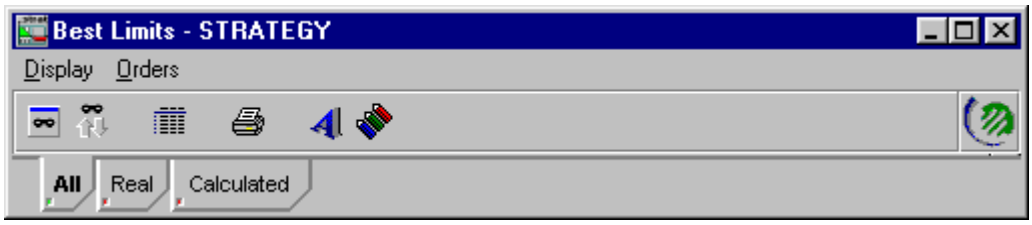
Show/Hide scroll bars

For detailed information, see the ***Display -> Show/Hide scrollbars*** function in the Market Watch window.

Show/Hide button bar

This function displays or hides the icon bar.
The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities you can also access through the window menus.

Best Limits icon bar:



Show/Hide name

Shows or hides the name of the current strategy.

Tabs

For detailed information, see the ***Display -> Tabs*** function in the Strategy Watch window.

Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
For further information, see the ***Colors*** explanation associated with the ***Display*** menu of the Market Watch window.

Print...

To get detailed information, see the ***Print*** explanation associated with the ***Display*** menu of the Market Watch window.

Quit

(Esc)

Exits the Best Limits window.

The Orders Menu

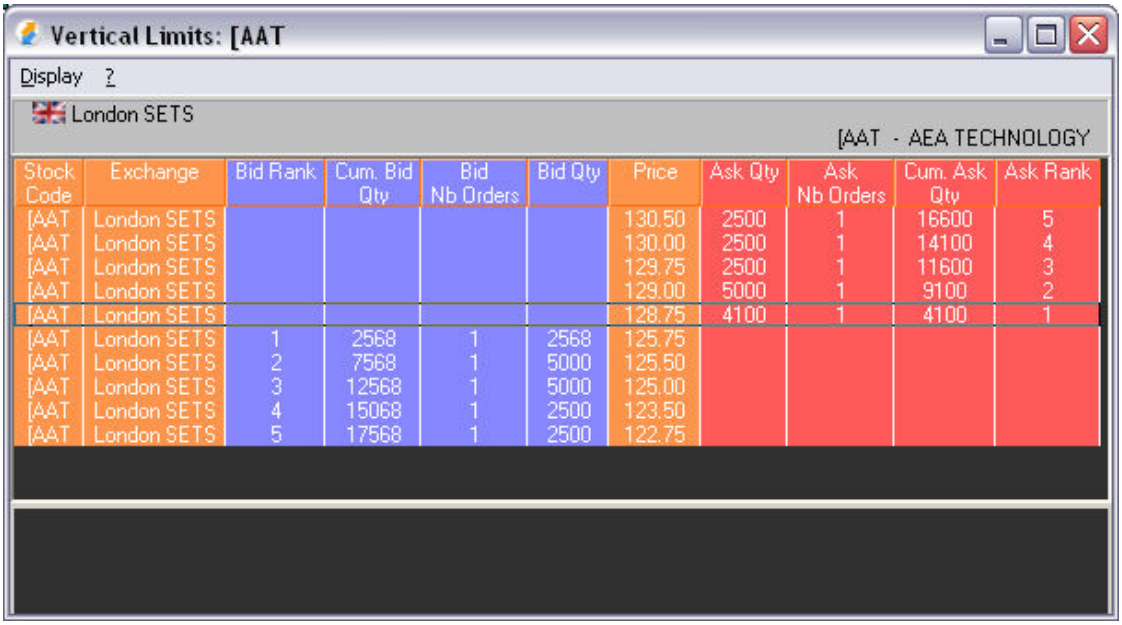
See the Strategy Trading Station presentation.

This menu is displayed only if you are connected to a SLE (Server Link to Exchange) and if the Strategy Trading Station window is open. The SLE is the server used to send orders to the Exchange and receive acknowledgments.

Vertical Limits

In the GL Deskbar, click the **Market Data** icon or the **Trading Tools** icon and select ***Vertical Limits***. The Vertical Limits window appears.

This window displays vertical prices for an instrument. Only prices which correspond to market orders are displayed. It can also be described as a vertical market by order.



Stock Code	Exchange	Bid Rank	Cum. Bid Qty	Bid Nb Orders	Bid Qty	Price	Ask Qty	Ask Nb Orders	Cum. Ask Qty	Ask Rank
[AAT	London SETS					130.50	2500	1	16600	5
[AAT	London SETS					130.00	2500	1	14100	4
[AAT	London SETS					129.75	2500	1	11600	3
[AAT	London SETS					129.00	5000	1	9100	2
[AAT	London SETS					128.75	4100	1	4100	1
[AAT	London SETS	1	2568	1	2568	125.75				
[AAT	London SETS	2	7568	1	5000	125.50				
[AAT	London SETS	3	12568	1	5000	125.00				
[AAT	London SETS	4	15068	1	2500	123.50				
[AAT	London SETS	5	17568	1	2500	122.75				

The Display Menu

This menu includes the following functions:

- Dictionary
- Controlled Window Setup
- Fixed Window
- Column Setup
- Show/Hide Title and Menu
- Show/Hide Preopen Window
- Linked Values
- Settings
- Fonts
- Colors
- Quit

Dictionary

(**Insert**)

Displays the Dictionary window, enabling you to insert instruments into the Vertical Limits window. For detailed information, see the ***Dictionary*** presentation associated with the ***Display*** menu of the Market Watch window.

Controlled Window Setup...

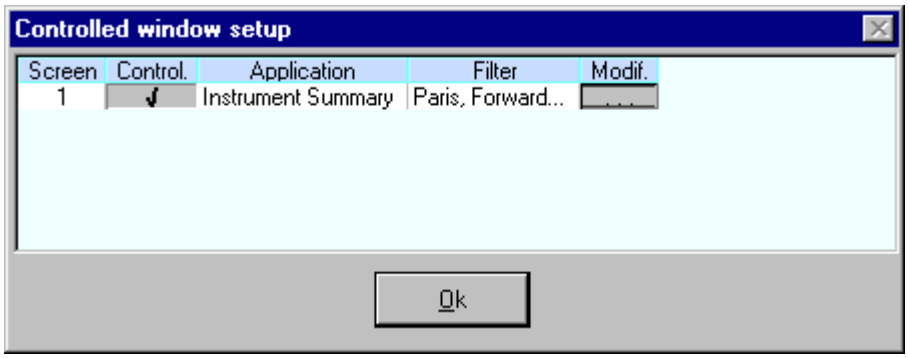
(**Ctrl + P**)

In GL WIN, certain windows can be controlled by others.

The ***Controlled window setup...*** function enables you to pilot the window with the stock selected in the Market Watch or Trading Station windows. So, as soon as the active instrument has been modified in the main window, this modification also appears in the controlled window.

Moreover, market segments can be specified in piloted windows. For example, you can set up an Instrument Summary window piloted by options and another one piloted by the underlying on one or more virtual screens.

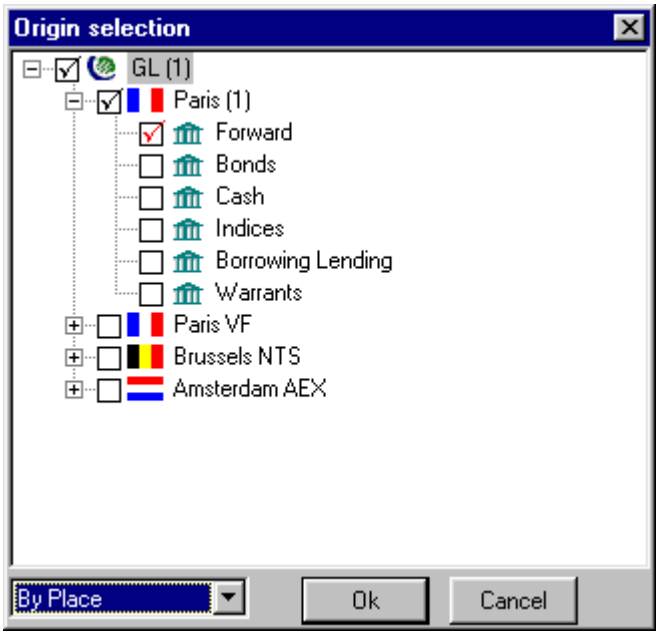
The ***Display -> Controlled window setup..***. window enables you to configure, modify and view controls.



1. In order to activate the function, select the **Control** column for the corresponding line.

A tick indicates whether or not the Market Watch window will control the Instrument Summary window (or other piloted window). The underlying instrument that is highlighted in the Market Watch window will be the instrument that is also displayed in ALL the open inheriting windows.

2. Then, click the **Modif** column to select the market segment in the Origin selection window:



To view another instrument in the controlled window, either use the **Insert** key and type the instrument name or select the Dictionary and click on the instrument you want to be displayed.

The ***Main control window*** must be selected on either the Market Watch window or the Trading Station window. This is then known as the mother window.

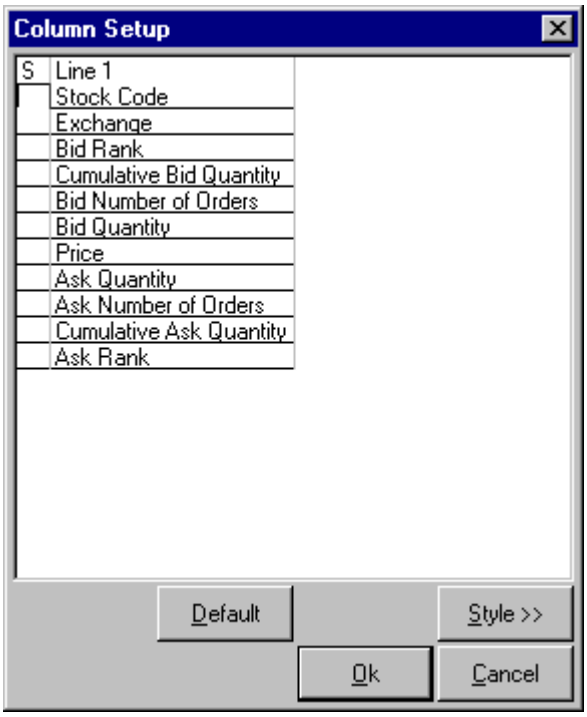
*Note: The **Controlled window setup...** function available in the GL Deskbar popup menu can be used to view all the controlled windows defined in the current session.*

Fixed Window

Use this function to display the selected window on all virtual screens that are available. GL WIN enables you to display information on four different virtual screens.
A fixed window is always displayed and can be associated with other windows according to the virtual screen displayed.

Column Setup...

The ***Column setup...*** function enables you to customize the information displayed in the Vertical Limits window. It displays the Column Setup window.



The following table lists the columns available in the Vertical Limits window and describes their usage.

Column Title	Description
Stock Code	The market instrument code.
Exchange	The location of the market on which the instrument is quoted.
Bid Rank	The position of the bid orders on the market.
Cumulative Bid Quantity	The total quantity of bids at all the listed levels.
Bid Number of Orders	The number of bid orders at this price.
Bid Quantity	The bid quantity at the corresponding price level.
Price	The instrument price at the corresponding level.
Ask Quantity	The ask quantity at the corresponding price level.
Ask Number of Orders	The number of ask orders at this price.
Cumulative Ask Quantity	The total quantity of asks at all the listed levels.
Ask Rank	The position of the ask orders on the market.

Show/Hide Title and Menu

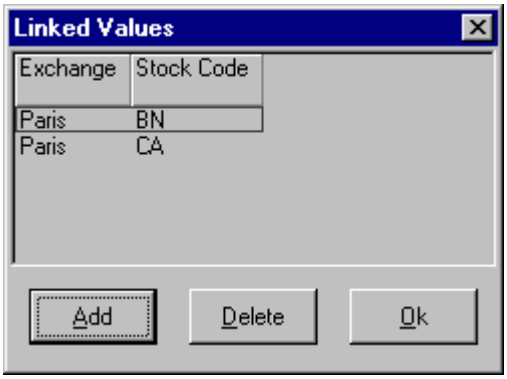
This functionality displays or hides the window title and menu bar, thus saving space on your desktop and removing unnecessary information.
To show/hide the menu bar, you can also double-click in the center of the window.

Show/Hide Preopen Window

Displays or hides the preopen window at the bottom of the screen.

Linked Values

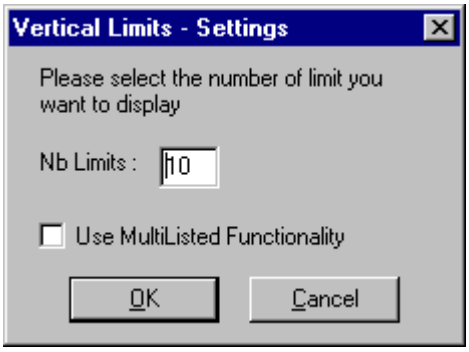
Opens the Linked Values window. This window enables you to group sets of instruments together in the Vertical Limits window and to view the various price levels of the instruments in one table.



Click **Add** to open the Dictionary window and add instruments to the Linked Values window, click **Delete** to remove instruments from the window, and click **Ok** to confirm your choices.

Settings

Displays the Vertical Limits - Settings window. This window enables you to configure the maximum number of limits you wish to display (**Nb Limits**). Check the Use **MultiListed Functionality** if you wish to be able to view limits on several markets for a particular instrument.



Fonts...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows. See the ***Font*** function explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Use this option to modify the color and background of pages and highlights certain information. To get further information on the Color Setup dialog box, see the ***Colors*** function explanation associated with the ***Display*** menu of the Market Watch window.

Quit

(Alt +F4)

Exits the Vertical Limits window.

The Ticker

The ticker displays online information such as last price, variation, and quantity exchanged as trades take place.
Bring up the ticker from the GL Deskbar under the Market Data menu.
There are two types of tickers: a standard ticker (below picture) and a scrolling ticker.

Symb	Last	Qty	BB	BA	Symb	Last	Qty	BB	BA	Symb	Last	Qty	BB	BA
VLSYQ	290.63	1			VLIBC	91.05	1			VLSYU	215.02	1		
VLSTS	42.61	1			VLSTU	34.89	1			VLTGC	35.27	1		
VLSTV	33.31	1			VLTGT	25.26	1			VLSPO	97.77	1		
VLSTW	40.91	1			VLSTN	55.13	1			VLSYB	235.50	1		
VLSTZ	38.98	1			VLTGU	28.74	1			VLERO	75.88	1		
VLSYE	265.97	1			VLTGE	39.31	1			VLETT	19.28	1		
VLSPE	92.31	1			VLIBI	96.84	1			VLTGF	28.56	1		
VLTGM	29.27	1			VLIBP	50.22	1			VLIBT	115.42	1		
VLTGN	43.46	1			VLSTP	53.57	1			VLUKM	26.08	1		
VLSTK	30.77	1			VLTGQ	24.16	1			VLUST	5.52	1		
VLTGI	39.19	1			VLIET	39842.31	1			VLIBS	58.49	1		
VLIER	5667.59	1			VLISF	6.10	1			VLTGA	43.34	1		
VLSYH	314.16	1			VLAEX	33.28	1			VLIBQ	2.79	1		

Both Ticker windows have one menu:

- Display

The Display Menu

This menu includes the following functions:

- Origin
- Data setup
- Filters
- Fixed window
- Copy instrument
- Show/Hide title and menu
- Show/Hide data title
- Show/Hide button bar
- Scrolling ticker
- Newest in sequence
- Newest at bottom
- Newest at top

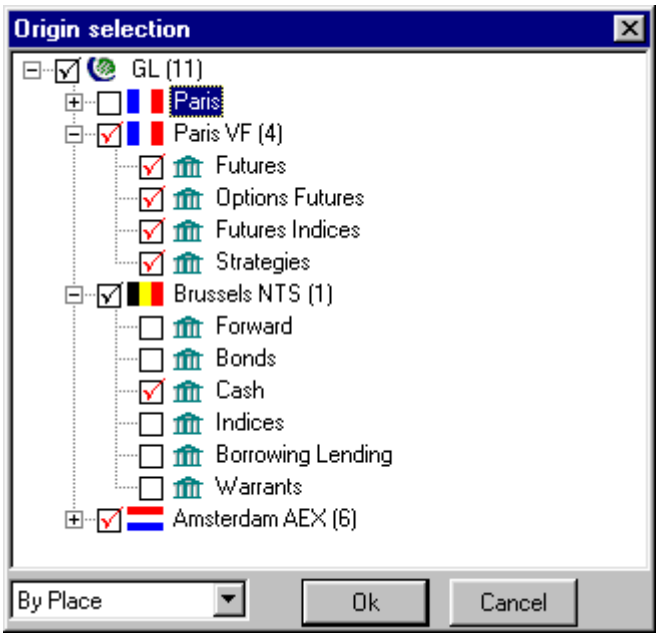
- Multi-lines mode
- Font
- Colors
- Quit

Origin...

Use this function to select the market you wish to follow.
Tick the appropriate market and open its tree structure. Selected items are indicated with color-coded ticks:

- A **black** tick in front of the market place indicates that *some markets* are selected for this market place.
- A red tick in front of the market place indicates that *all markets* are selected for this market place.
- The number displayed on the first line specifies the total number of selected markets.
- The number displayed at the right of each market place specifies the number of selected markets for this market place.

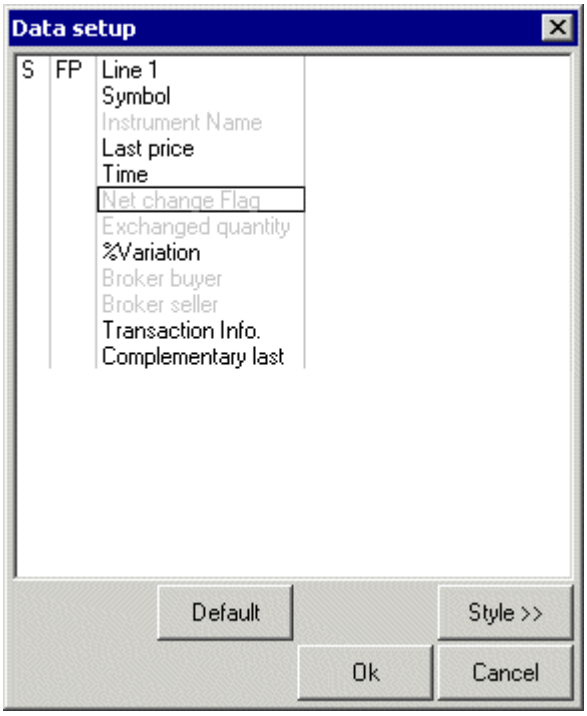
You can choose to display the structure **By Place** or **By Market**.



Click on **OK** to validate and see the selected market scrolling in the ticker.

Data setup...

Choose the fields to be displayed in the standard ticker. You can set up columns for the vertical view, and define scrolling information for the horizontal view.
Click on **OK** to validate your selection or on **Cancel** to return to the previous configuration.

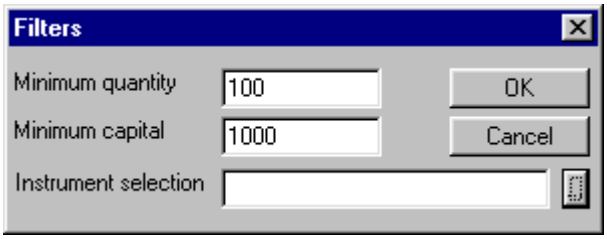


Filters...

To avoid displaying too much information on the ticker, you can set up filters through the following parameters:

- Minimum quantity exchanged
- Minimum capital exchanged
- Instrument taken into account (selective ticker) selected through an .stk file created in the Market Watch window.

Click on **OK** to validate or on **Cancel** to exit the function.



Fixed window

Use this function to display the selected window on all virtual screens that are available. GL WIN enables you to display information on four different virtual screens.
A fixed window is always displayed and can be associated with different other windows according to the virtual screen displayed.

Copy instrument

When you copy an instrument value from the standard ticker to another window, the ticker becomes the pilot window during several minutes.

Show/Hide title and menu

This functionality displays or hides the menu bar, thus saving space on your desktop and removing unnecessary information.
To show/hide the title and menu bar, you can also use **Ctrl + double-click** in the center of the window.

Show/Hide data title

In the standard ticker, shows or hides data titles.

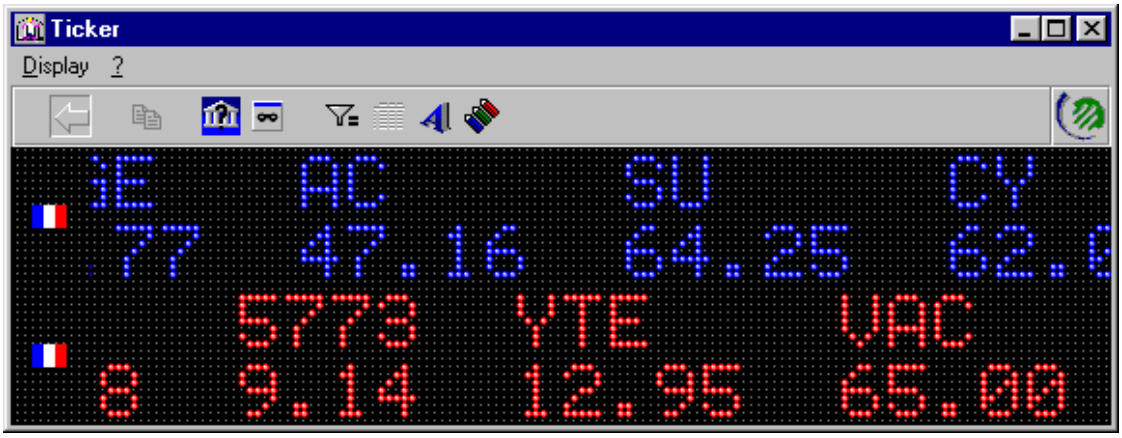
Show/Hide button bar

This function displays or hides the icon bar.
The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities you can also access through the window menus.

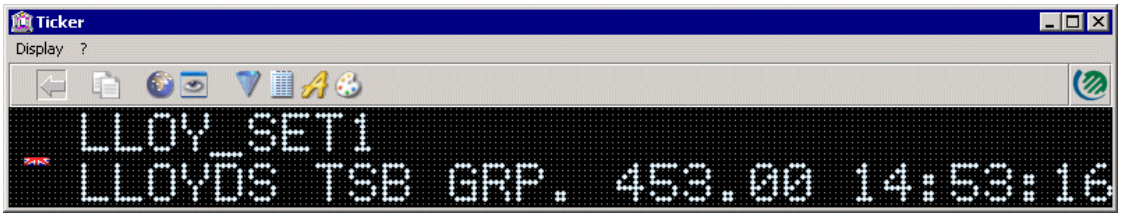
Ticker icon bar:

Scrolling ticker

Displays the ticker horizontally or vertically.



Note that the *symbols* for strategies are shown when the ticker display is in standard (vertical) mode, whereas in the scrolling (horizontal) ticker, the strategy *names* are displayed (see below picture).



Multi-lines mode

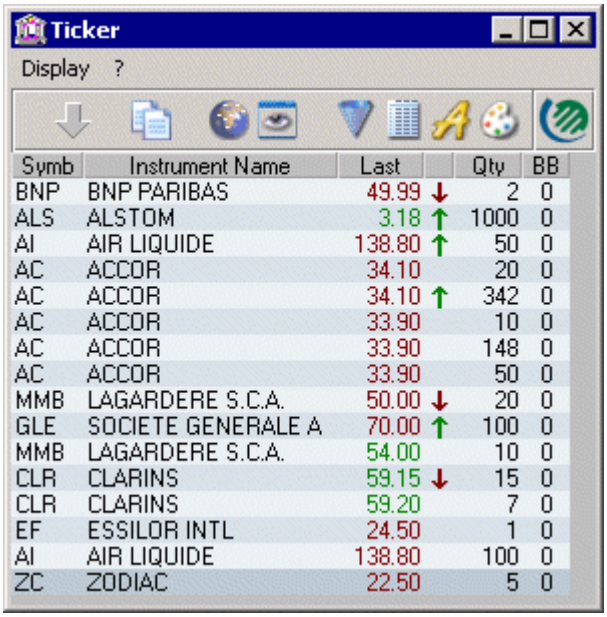
In the scrolling ticker, displays one or several lines of information.

Newest in sequence

Reverts to default layout (vertical mode).

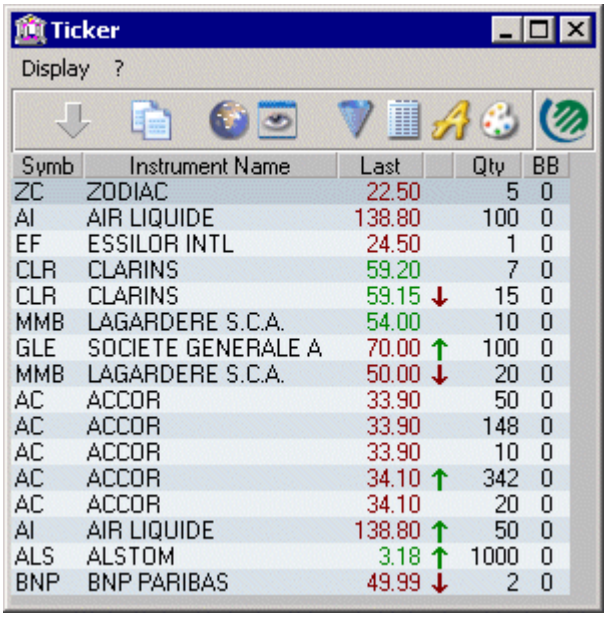
Newest at bottom

Displays newest information at the bottom of the list, in vertical mode.


Ticker
Display ?
Symb Instrument Name Last Qty BB
BNP BNP PARIBAS 49.99 2 0
ALS ALSTOM 3.18 1000 0
AI AIR LIQUIDE 138.80 50 0
AC ACCOR 34.10 20 0
AC ACCOR 34.10 342 0
AC ACCOR 33.90 10 0
AC ACCOR 33.90 148 0
AC ACCOR 33.90 50 0
MMB LAGARDERE S.C.A. 50.00 20 0
GLE SOCIETE GENERALE A 70.00 100 0
MMB LAGARDERE S.C.A. 54.00 10 0
CLR CLARINS 59.15 15 0
CLR CLARINS 59.20 7 0
EF ESSILOR INTL 24.50 1 0
AI AIR LIQUIDE 138.80 100 0
ZC ZODIAC 22.50 5 0

Newest at top

Displays newest information at the top of the list, in vertical mode.


Ticker
Display ?
Symb Instrument Name Last Qty BB
ZC ZODIAC 22.50 5 0
AI AIR LIQUIDE 138.80 100 0
EF ESSILOR INTL 24.50 1 0
CLR CLARINS 59.20 7 0
CLR CLARINS 59.15 15 0
MMB LAGARDERE S.C.A. 54.00 10 0
GLE SOCIETE GENERALE A 70.00 100 0
MMB LAGARDERE S.C.A. 50.00 20 0
AC ACCOR 33.90 50 0
AC ACCOR 33.90 148 0
AC ACCOR 33.90 10 0
AC ACCOR 34.10 342 0
AC ACCOR 34.10 20 0
AI AIR LIQUIDE 138.80 50 0
ALS ALSTOM 3.18 1000 0
BNP BNP PARIBAS 49.99 2 0

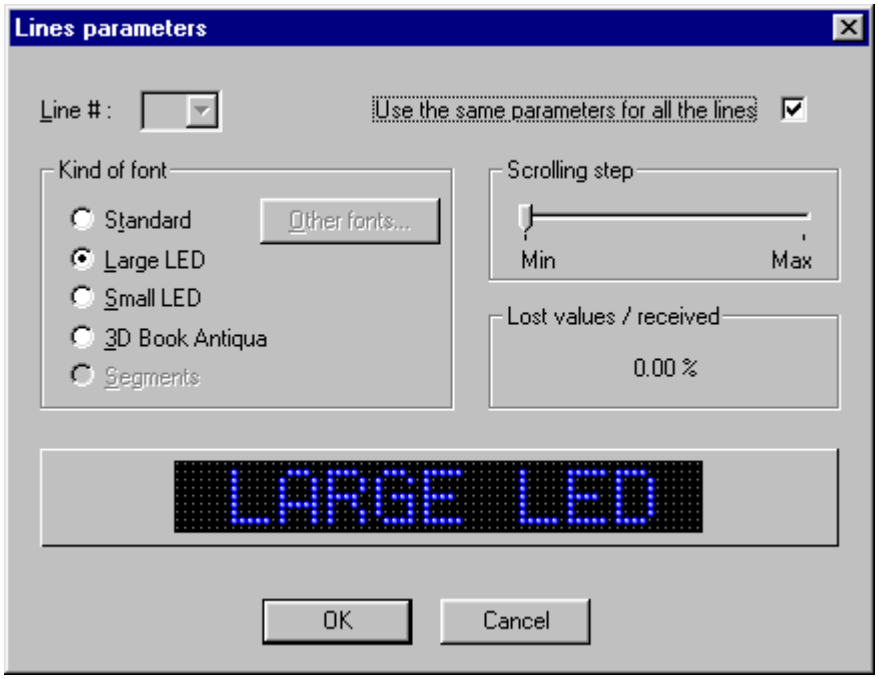
Font...

Standard ticker

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

Scrolling ticker

In the scrolling ticker, use the following window to define the kind of fonts, the interval line between scrolling lines, the scrolling step, etc.
The area below illustrates your selection.
Click on **OK** to validate or on **Cancel** to exit the function and return to the previous configuration.



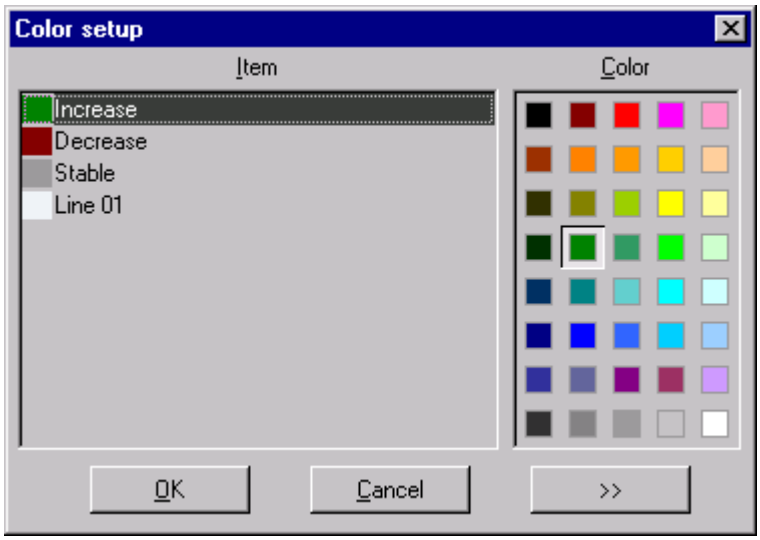
Colors...

Standard ticker

Modifies the color and background of pages and highlights certain information.
To get further information, see the ***Colors*** explanation associated with the ***Display*** menu of the Market Watch window.

Scrolling ticker

In the scrolling ticker, use the following window to define the color of the scrolling lines and to indicate variations and latest price changes.
Click on **OK** to validate or on **Cancel** to exit the function and return to the previous configuration.



Quit

(Alt F4)

Exits the Ticker window.

Technical Analysis (GL CHARTS)

To access the Technical Analysis window, click on the Market Data icon, then select ***Technical Analysis***.

The Technical Analysis window (GL CHARTS) features a complete set of charting tools as well as technical indicators on the entire GL STREAM WS data feed. It offers fast and comprehensive visualisation of price fluctuations. Using the GL WIN real-time data feed, GL CHARTS allows you to create charts and perform comprehensive analysis, using best-of-breed technical and charting functionalities.

Note: This window is described in a stand-alone documentation, and is available directly from the Help menu in the window. It is also available on the ***GL TRADE.net*** *site.*

The Time and Sales window

(F10)

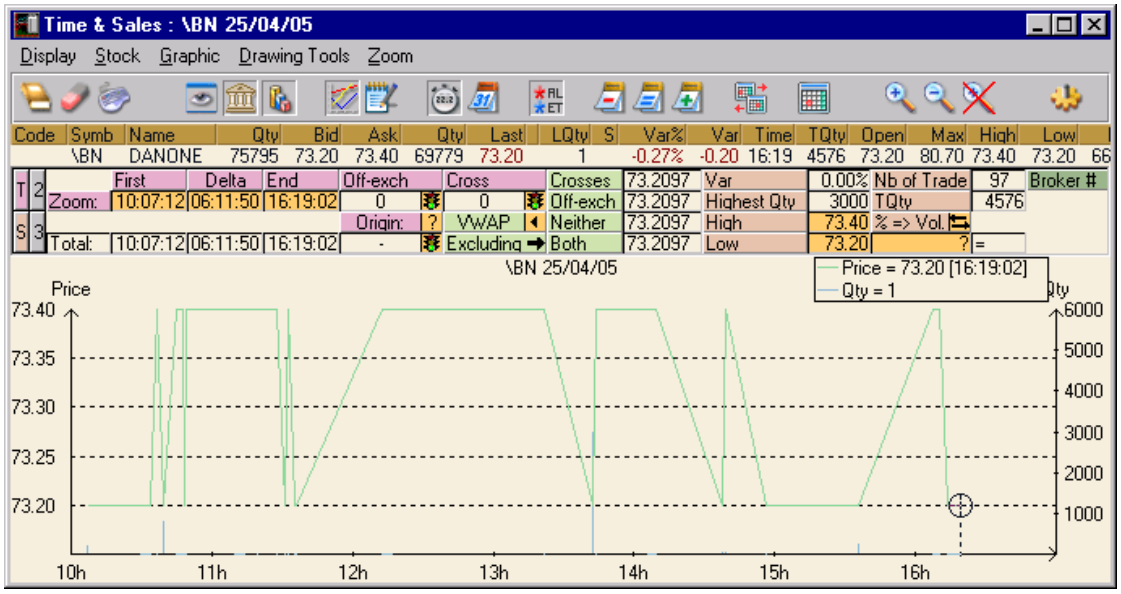
How to access the Time and Sales window
Graphical Mode
Text Mode
Menus

The Time and Sales window provides current statistics for price, time and volume in either a graph or a text format.
Intraday provides data for the current and the preceding trading sessions.

To access the Time and Sales window:

Select the ***Instrument info. -> Time and Sales*** function from the Market Watch window
or,
Press Shift F10 from the Market Watch window
or,

Click on the Time and Sales icon from the Historical window.
or,
from the GL Deskbar, click on the Market Data icon and select the ***Time & Sales*** function.



This window features graphic or text data for a specific instrument and is dynamically updated. The graphic chart displays data based on price, time and volume.

Graphical Mode

Click on the *Graphical Mode icon* in the Icon Bar or select the ***Display -> Graphic Mode*** function.

Every point of the graph represents a transaction.

Data is displayed in the following format:

- The X-axis represents time.
- The Y-axis represents the price or the volume of the stock.
- The cursor specifies the price or volume listed for a given time.

To determine any value, click on the desired point in the graph.

You can move around within the graph with the arrow keys :
Use the up arrow to get the highest price since the beginning of the session.
Use the down arrow to get the lowest price since the beginning of the session.
Use **Home** (vertical left arrow on your keyboard) to get the first price listed
Use **End** to get the last price listed.

The **Tab** key enables you to toggle between the graphical mode and the text mode (this action is also available via the icon bar).

Text Mode

The code of the origin (**OR**) column can be either:

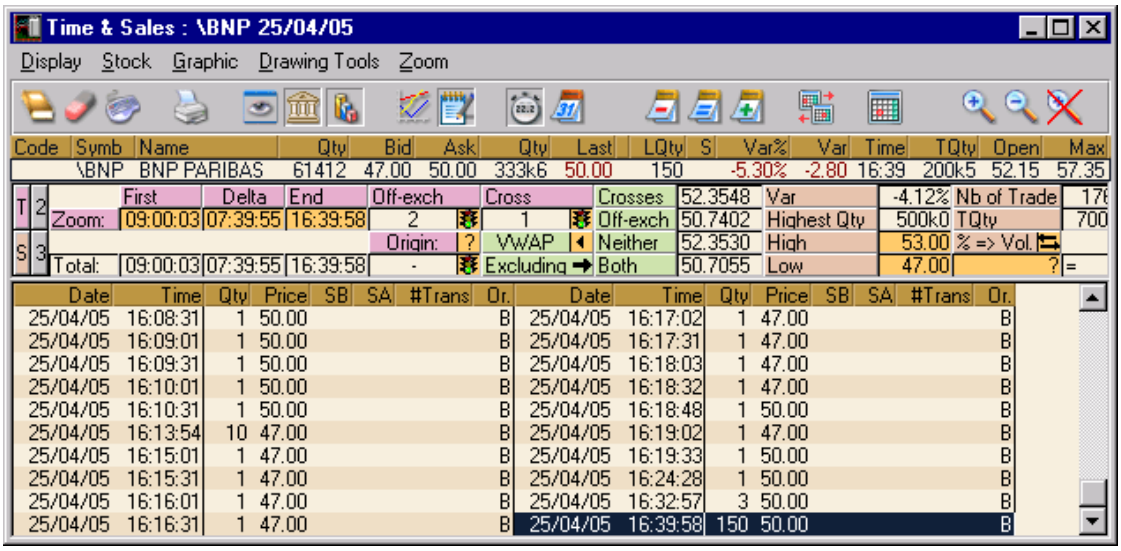
- B : Exchange
- D : Cross
- d : Basket cross order
- v : Variation trade
- A : Cancelled by the Exchange
- C : Trade Report (formerly ACT)
- T : Trade Report for ACT London
- L : Strategy Legs

Notes for Cross Order Identifcation

For Equities under Liquidity Provider provision that are not quoted during the trading session, a valuation trade will be disseminated at the opening auction and at the closing auction on the NSC-VE system. The principle of the indicative valuation is the following:

A buy and a sell order (Market Order, Must be Filled order type for one unit) placed by a Liquidity Provider during the pre-opening phase and generating an opening (or closing) trade, will become a valuation trade.

When computing a VWAP price on a specified period, all the cross types mentioned are taken into account for a cross computation.



A sort on each column is available by clicking on the header of any column. The transactions can be sorted by **Date**, **Time**, **Quantity**, **Price**, etc.
You can access another underlying stock by:

- typing its instrument symbol or instrument code,
- bringing up the dictionary with the Insert key,
- selecting the ***Add*** option from the ***Stock*** menu.

The Time and Sales window includes five menus :

- Display
- Stock
- Graphic
- Drawing Tools
- Zoom

You can also right-click in the Time and Sales window to display a new pop-up menu including all the functionalities.

The Display Menu

This menu includes the following functions:

- Legends and cursor
- Caption and menu
- Buttons bar
- Stock data
- Data title
- Data Stat
- Copy/Paste
- Historical mode
- Text mode/Graphic mode

- Stock market setup
- Intraday data setup
- Setup
- Font
- Colors
- Quit

Legends and cursor

Shows or hides the legends and cursor.

Caption and menu

Shows or hides titles and menus.

Button bar

Shows or hides the button bar.
The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities you can also access through the window menus.

Intraday Mode Button Bars
Functions accessible only via the button bar:
Keyboard
Print
Intraday Range Setup
Calendar
Date

Intraday Mode

In Intraday (Time and Sales) mode you can use one of the two following toolbars depending on whether you are in text or in graphic mode.

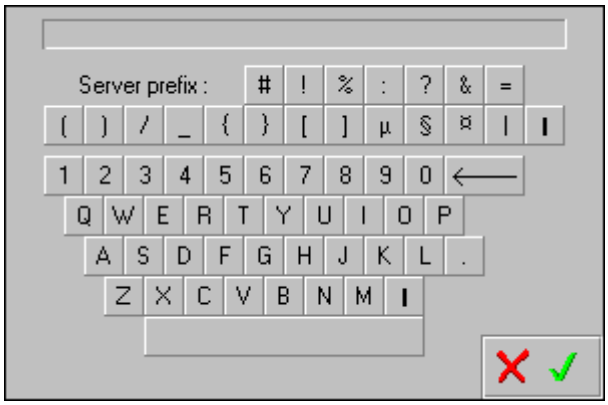
In text mode :

In graphic mode :

The following functions are only accessible via the button bar:

Keyboard

Click on this icon to display the keyboard pad. This keyboard pad enables you to quickly enter a stock code.



You can delete the last entered character by clicking on the left arrow button.

Validate or Cancel by clicking on the appropriate buttons.

Print

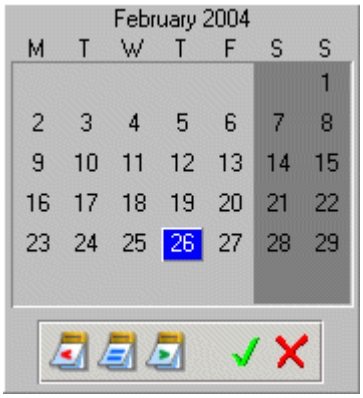
In text mode, this icon is used to print the displayed window via the standard Print dialog box.

Intraday Range Setup

Use this icon to display the Intraday Range Setup box, and select an Intraday start and end time and date.

Calendar

Use this icon to display the calendar and select dates.



Click on the Previous month button to select a date in a past month,
or,

click on the Today icon to select a date in the current month,
or,

click on the Next month icon to select the begin date in a future month.

Then, select the date day number.

Click on the **OK** button to validate.
Or, click on the **Cancel** button to cancel and exit.

Date

Not available in the Time and Sales mode.

Stock data

Shows or hides stock data.

Data title

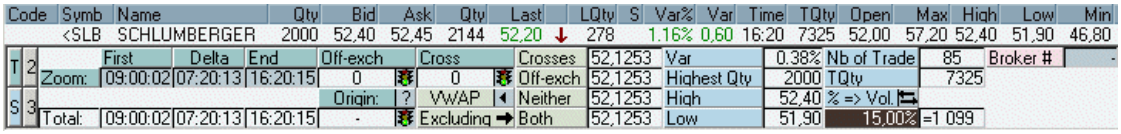
Shows or hides data titles.

Data Stat

Shows or hides data statistics.

Statistics include the following information :

Intraday Mode


Code Symb Name Qty Bid Ask Qty Last LQty S Var% Var Time TQty Open Max High Low Min
<SLB SCHLUMBERGER 2000 52,40 52,45 2144 52,20 278 1.16% 0,60 16:20 7325 52,00 57,20 52,40 51,90 46,80
T 2 First Delta End Off-exch Cross Crosses 52,1253 Var 0.38% Nb of Trade 85 Broker #
Zoom: 09:00:02 07:20:13 16:20:15 0 0 Off-exch 52,1253 Highest Qty 2000 TQty 7325
S 3 Origin: ? VWAP Neither 52,1253 High 52,40 % => Vol.
Total: 09:00:02 07:20:13 16:20:15 - Excluding Both 52,1253 Low 51,90 15,00% =1 099

You can modify the **First, End** and **Delta** parameters and select or deselect the **Off-Exchange** and **Cross** options to change the Volume Weighted Average Price calculation.

When you click on the arrow of the **VWAP** field, four VWAP calculations are available including/excluding Off-Exchange and/or Cross trades.

To filter the contents of the Intraday window according to one particular origin, enter the appropriate letter in the **Origin** cell.

A function is available for calculating a traded volume from a given market percentage, and vice-versa (click on the arrows to switch modes):

Vol. => %

Enter a traded volume here and its equivalent market percentage appears in the cell to the right.

% => Vol.

Enter a market percentage here and its equivalent traded volume appears in the cell to the right.

When a broker number is specified in the **Broker #** field, the associated quantity (**Brk Qty**), bought and sold quantities (**Buy, Sale**) are displayed as well as the market percentage carried out by this Exchange Member (**% Market**).

Note: This information is accessible when a Member Reference is available at the Exchange level.

Button Descriptions

T

Toggles **Time/Date** information area (shown in orange above) on or off.

S

Toggles **Statistics** information area (shown in blue above) on or off.

2

Shows data statistics display on two horizontal lines. Note that the VWAP field **Excluding Both** will not be displayed in this mode. You can click the icon to force the computation.

3

Shows data statistics area on three horizontal lines.

4

Shows data statistics area on all four horizontal lines.

*Note: If either the **Time/Date** or **Statistics** field was previously hidden, it is not displayed.*

Copy/Paste

The Time and Sales data can be copied into Excel, Notepad or Word, whether in the text or graphic mode:

Excel Example:

1. Select the ***Copy/Paste*** function to copy all the columns displayed
2. Click in the opened Excel window and use the **Paste** button

or

1. Press **Alt+Print Screen** to copy all the displayed and hidden columns
2. Click in the opened Excel window and use the **Paste** button

or

1. Open the Excel window
2. Highlight the data you want to copy
3. Drag and drop it in the Excel window, then click on the **Paste** button.

Historical mode

(Ctrl+H)

With this function you can toggle from the Time and Sales data to the historical data for a stock.

Text mode Graphic mode

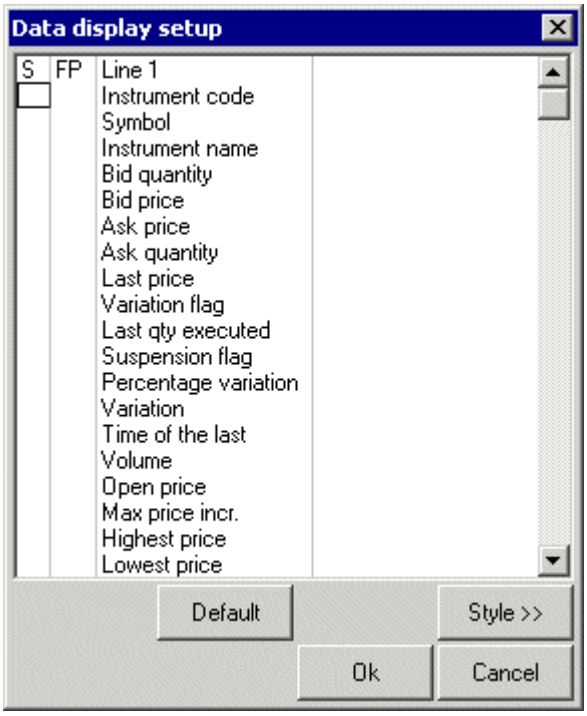
(Tab)

Use this function to toggle between the graphical mode and the text mode for a stock.

Stock market setup...

Defines the information displayed through the ***Stock data setup*** function. You can view this data on the top line of the Historical and Time and Sales windows.

When you select the ***Stock market setup...*** function, the Data display setup dialog box is displayed. Select the fields you want to display.



Select the desired information.
Information displayed in grey will not appear on the top line of the Intraday window; information displayed in black will appear.

You can also change the order of the horizontal display. To do this, click then drag and drop the item you want to move to its new position.

The **S** field is used for inserting a separation line between the columns of the Intraday window.
To add a separation, just click in the **S** field, between the two titles you want to separate.
To remove a separation, click on the line in the **S** field.

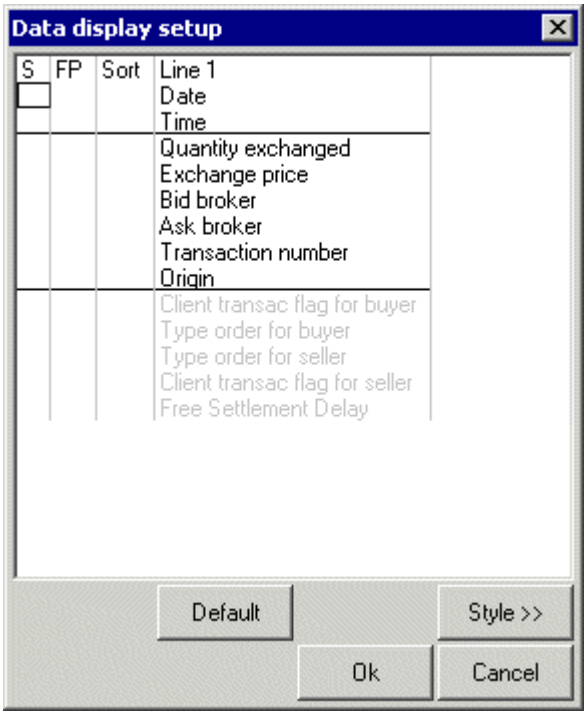
The **FP** field is used to fix the position of selected data when you are scrolling from left to right within the window.
To do this, click in the **FP** field in front of the data you always want to be visible in your window.
To undo the fixed position, click in the **FP** field, on the line.

When you click on the **Style** button a new dialog box is displayed.
In the **Cursor shape** pane**,** select the type of cursor you want.
In the **Cursor properties** pane, select its properties.

To apply the GL WIN default configuration, click on the **Default** button.
Then, click on **Ok** to validate or on **Cancel** to return to the initial configuration.

Intraday data setup...

This function in available in Text mode only. Displays the Data display setup dialog box.
Select the fields you want to display in the Time and Sales window (Text Mode).



This window contains all the fields you can display in the Time and Sales window (Text Mode). Select the desired information.
Information displayed in grey will not appear in the Time and Sales window; information displayed in black will appear.

You can also change the order of the horizontal display. To change the order of data, click, then drag and drop the item you want to move to its new position.

The **S** field is used for inserting a separation line between the columns of the Time and Sales window.
To add a separation, just click in the **S** field, between the two titles you want to separate.
To remove a separation, click on the line in the **S** field.

The **FP** field is used to fix the position of selected data when you are scrolling from left to right within the window.
To do this, click in the **FP** field in front of the data you always want to be visible in your window.
To undo the fixed position, click in the **FP** field, on the line.

The **Sort** field can be used to define a sort functionality on each column of the Intraday window. You can sort transactions by **Date**, **Time**, **Quantity** exchanged, etc.

When you click on the **Style** button a new dialog box is displayed.
In the **Cursor shape** pane**,** select the type of cursor you want.
In the **Cursor properties** pane, select its properties.

To apply the GL WIN default configuration, click on the **Default** button.
Then, click on **Ok** to validate or on **Cancel** to return to the initial configuration.

Setup...

Displays the Setup dialog box that enables you to define how the Time and Sales and Historical windows will work.

See the Historical window setup detailed explanation.

Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** function explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
To get further information, see the ***Colors*** function explanation associated with the ***Display*** menu of the Market Watch.

Quit

(Alt+F4)

Exits the Time and Sales window.

The Stock menu

This menu includes the following functions:

- Add
- Remove
- Change the Reference Value
- Save Time and Sales Sorting
- Controlled window
- Several days
- Previous day
- Today
- Next day
- Web Historical

Add...

(Ins)

Brings up the ***Dictionary*** and enables you to add a new stock to the Time and Sales window.

Remove

(Del)

Removes the selected stock.

Change the Reference Value

(Ctrl R)

In multi-curves mode, this function enables you to swap the first reference value.

Save Time and Sales Sorting

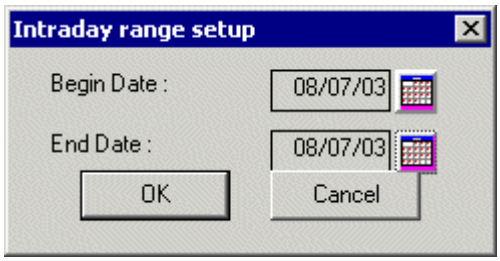
This function enables you to save your current column setup as a default.

Controlled window setup

In GL WIN, certain windows can be controlled by others.
See the detailed description of the ***Display -> Controlled window setup...*** function for the Instrument Summary window.

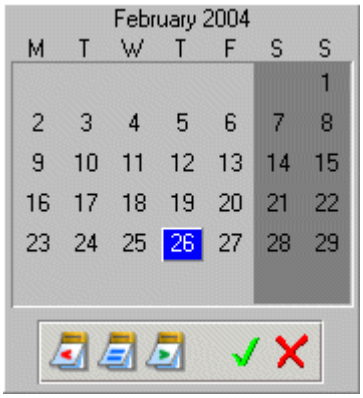
Several days

Displays the following Time and Sales range setup dialog box. This function enables you to define the intraday period you want to visualize.



Begin Date :

- Click on the top calendar icon to display the calendar.



- Click on the Previous month button to select the begin date in a previous month,

or click on the Today icon to select the begin date in the current month,

or click on the Next month icon to select the begin date in a future month.

- Then, click on the begin date day number. By default, the begin date is the current day.
- Click on the **OK** button to validate. The date field is automatically updated with the date you have selected.
- *Or*, click on the **Cancel** button to cancel and exit.

End Date :

- Click on the End Date calendar icon to display the calendar.
- Click on the Previous day button to select the end date in a previous month,

or click on the Today icon to select the end date in the current month,

or click on the Next day icon to select the end date in a future month.

- Then, click on the end date day number. By default, the end date is the current day.
- Click on the **OK** button to validate. The date field is automatically updated with the date you have selected.
- *Or*, click on the **Cancel** button to cancel and exit.

The selected period must not exceed nine working days.
Click on **OK** to apply your new selection or on **Cancel** to return to the previous configuration.

Previous day

(-)

Enables you to toggle to the day preceding the day selected (working days).

Today

(=)

Enables you to toggle to the current day.

Next day

(+)

Enables you to toggle to the day following the day selected (working days).

Web Historical

Enables you to access historical data stored on the **GL TRADE.net** site. This function is available if you have subscribed to the appropriate package.

The Graphic menu

This menu includes one function and two sub-menus:

- Legends and cursor
- Draw setup

Legend and cursor

This function is not used in the Time and Sales mode.

Draw setup

See the ***Draw setup*** function in the Historical window Graphic menu.

The Drawing Tools menu

This menu includes the following functions:

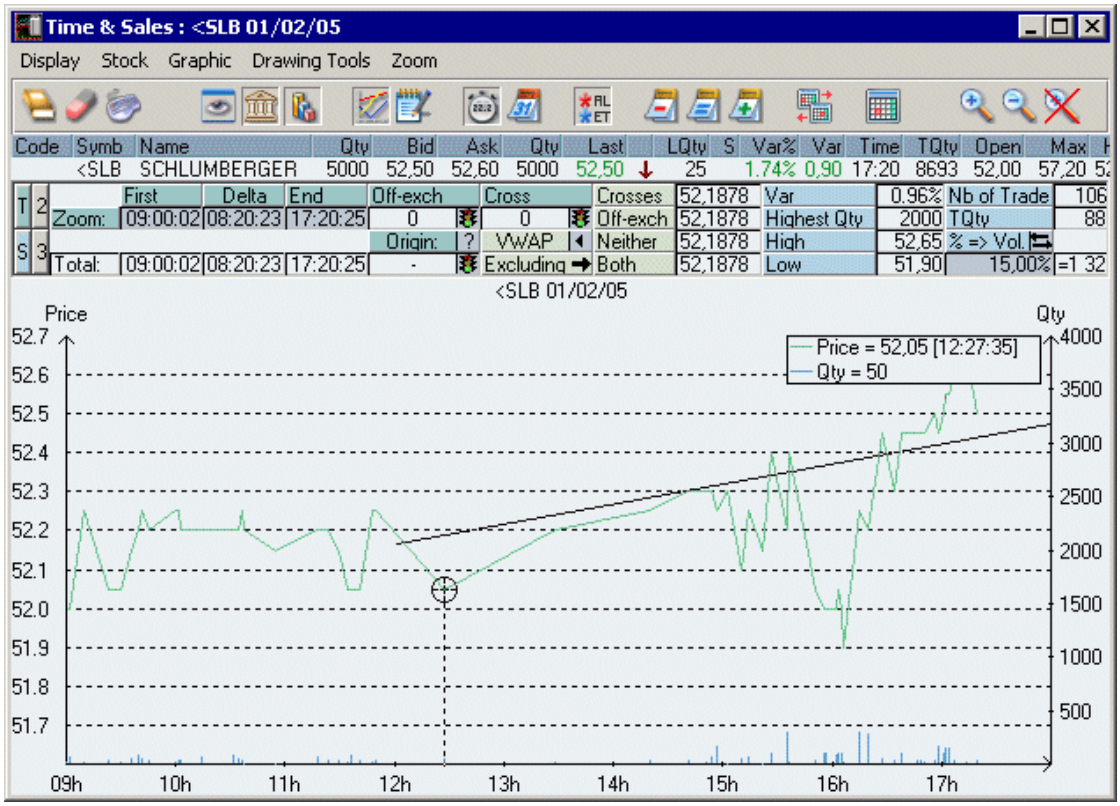
- Segment
- Half Trend Line
- Parallel Line
- Delete Trend Lines

Segment

Use this option to draw a segment between two points of the graph with a **Ctrl+ Left Click** operation.

Half Trend Line

This option enables you to draw an infinite line from a defined point of the graph by using the **Ctrl + Left Click** command.



Parallel Line

Use this option to draw a first trend line via the **Ctrl + Left Click** command and then a parallel trend line with a second **Left Click** action (without the **Ctrl** command).

In the Several Days mode, trend lines are not maintained if the **Begin Date** or **End Date** values in the calendar of the Intraday range setup window are modified. In the same way trend lines are not maintained when you switch from the Single Day mode to the Several Days or Multi-Curves modes.

Delete Trend Lines

This function only appears after you have created the first trend line (Ctrl + left mouse button).
Use this function to delete one by one the appropriate lines. In the ***Delete Trend Lines*** sub-menu, all created lines are numbered. When you position the cursor on a line number in this sub-menu, the corresponding line is graphically highlighted.

Click on the line number to delete the line.

You can also delete ***All*** the trend lines in one operation.

The Zoom Menu

You can zoom in on a specific area of the graph in several ways:

1. By defining a specific time range in the Data Stat part of the window (**First Time** and **Last Time** fields),

2. By pressing the **Shift** key and picking the desired graph area with the mouse left button,
3. By picking the desired graph area with the mouse left button et clicking on the Zoom In icon or selecting the ***Zoom -> Zoom In*** function.

To return to the initial display (zoom out), you may either:

1. Erase the time range from the Data Stat part of the window with the **Delete** key (**First Time** and **Last Time** fields), or
2. Click on the Zoom Out icon or select the ***Zoom -> Zoom Out*** function.

The ***Zoom*** menu includes the following functions:

- Zoom In
- Zoom Out

Zoom In

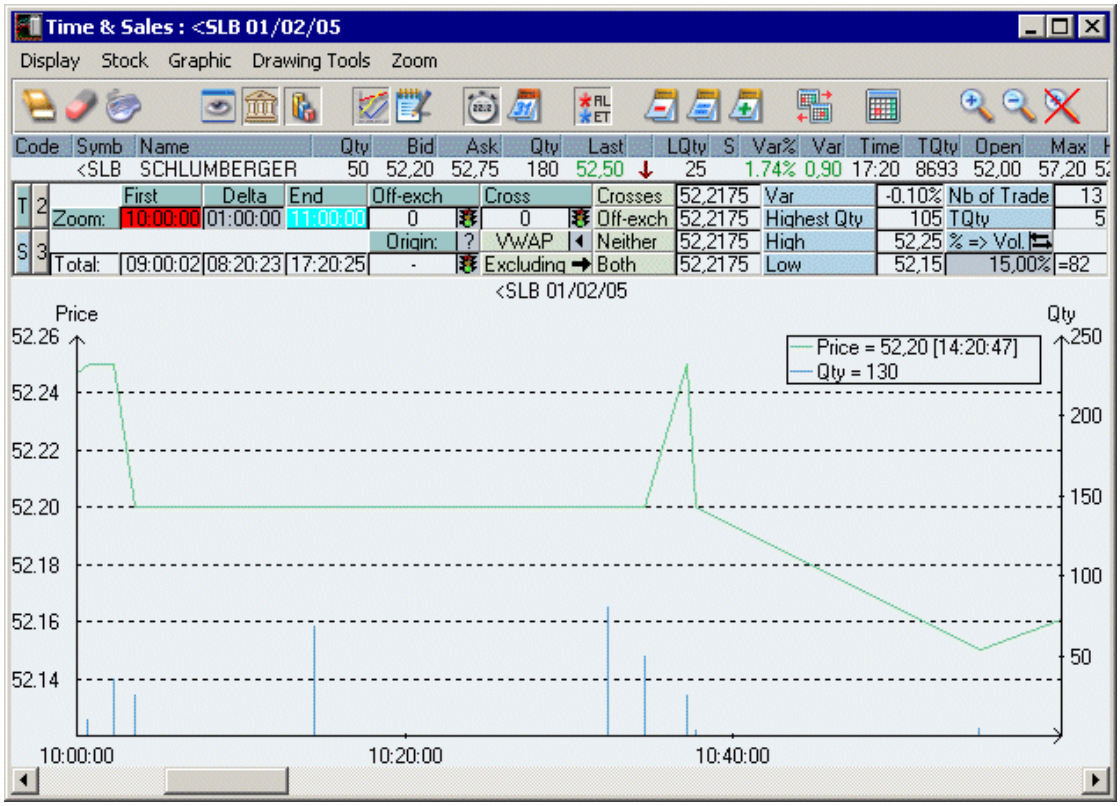
Enables you to zoom in on a specific area of the graph by:

- picking this area with the mouse left button and then clicking on the Zoom In icon,
- keeping the **Shift** key down and picking the specific area,
- entering directly the intraday time range to be displayed in the **Delta** field of the Statistics Area, or indicating specific values in the **First** and **End** fields.

The information displayed in the Statistics Area is updated accordingly. It means that the **High, Low**, Percentage **Var**iation, **VWAP** calculation area, **Broker #** fields are refreshed in real time.

The scrolling bar at the bottom of the window helps you visualizing with the same zoom scale the part of the graph not initially selected.

*Example: with a time interval of one hour, between 10 am and 11 am, (you have entered the appropriate values in the **First, End** and **Delta** fields), the graph is as follows:*



Zoom Out

After zooming in on a specific area of the graph, use this function to return to the initial display.

Zoom Off

After zooming in on a specific area of the graph, use this function to completely zoom out in one step.

The Historical window

(Ctrl F10)

How to access the Historical window
Graphical Mode
Text Mode
Menus

The Historical window provides historical statistics for price, time and volume in either a graph or a text format.

To access the Historical window:

Select the ***Instrument info.-> Historical*** function from the Market Watch window
or,
Press Ctrl F10 from the Market Watch window.
or,

Click on the History icon from the Intraday window,
or,
from the GL Deskbar, click on the Market Data icon and select the ***Historical*** function.

This window features graphic or text data for a specific instrument. The graphic chart displays data based on price, time and volume.

Graphical Mode

Click on the *Graphical Mode icon* in the Icon Bar or select the ***Display -> Graphic Mode*** function.

Every point of the graph represents a day's close out.
Data is displayed in the following format:

- The X-axis represents time.
- The Y-axis represents the price or the volume of the stock.

To determine any value, click on the desired point in the graph.

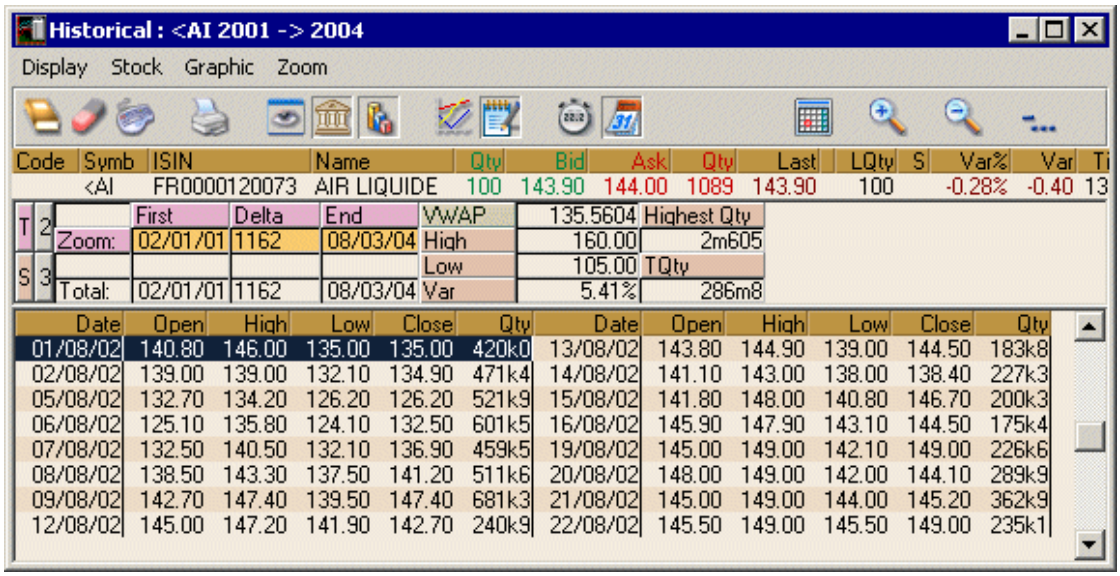
You can move around within the graph with the arrow keys:
Use the up arrow to get the highest price since the beginning of the session.
Use the down arrow to get the lowest price since the beginning of the session.
Use **Home** (vertical left arrow on your keyboard) to get the first price listed
Use **End** to get the last price listed.

By default, curves are displayed over a period of two years. You can display a graph starting from the beginning of the year by clicking on -1, or for more than four years by clicking on -4. You can also customize the time period by using the calendar.

The **Tab** key enables you to toggle between the graphical mode and the text mode (this action is also available via the icon bar).

Text Mode

By default, historical data is displayed in text mode in the following format:



You can access another underlying stock by:

- typing its instrument symbol or instrument code,
- bringing up the dictionary with the **Insert** key,
- selecting the ***Add*** option from the ***Stock*** menu.

The historical window includes four menus:

- Display
- Stock

- Graphic
- Zoom

You can also right-click in the window to display a new menu including all the functionalities.

The Display Menu

This menu includes the following functions:

- Legends and cursor
- Caption and menu
- Buttons bar
- Stock data
- Data title
- Data Stat
- Copy/Paste
- Intraday mode
- Text mode/Graphic mode
- Stock market setup
- Stock historical setup
- Setup
- Font
- Colors
- Quit

Legends and cursor

Shows or hides the legend and cursor.

Caption and menu

Shows or hides the title and menus.

Button bar

Shows or hides the button bar.
The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities which are also accessible through the window menus.

Historical Mode Button Bars

Functions accessible only via the button bar:

- Keyboard
- Print
- Calendar

- Date

Historical Mode

In Historical mode you can use one of the two following toolbars depending on whether you are in text or graphic mode.

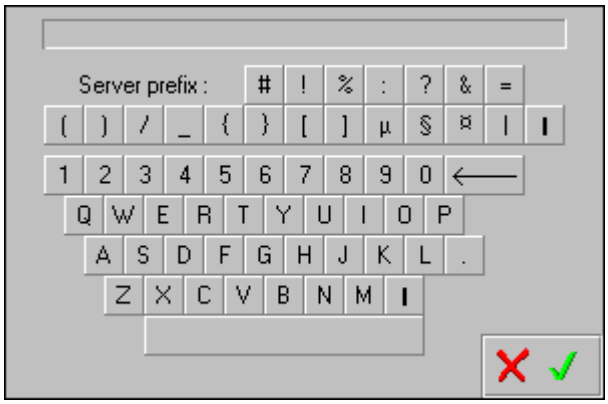
In text mode:

In graphic mode:

The following functions are only accessible via the button bar:

Keyboard

Click on this icon to display the keyboard pad. This keyboard pad enables you to quickly enter a stock code.



You can delete the last entered character by clicking on the left arrow button.

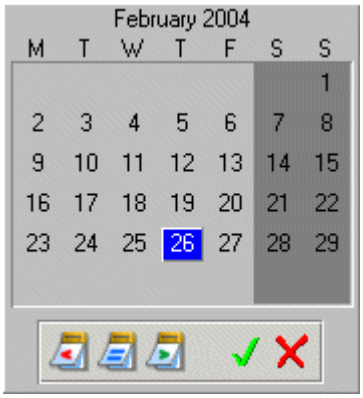
Validate or Cancel by clicking on the appropriate buttons.

Print

In text mode, this icon is used to print the displayed window via the standard Print dialog box.

Calendar

Use this icon to display the calendar and select dates.



Click on the Previous month button to select a date in a past month,
or,

click on the Today icon to select a date in the current month,
or,

click on the Next month icon to select the starting date in a future month.

Then, select the day's date number.

Click on the **OK** button to validate.
Or, click on the **Cancel** button to cancel and exit.

Date

Use this icon to display historical data from the date selected in the ***Calendar***.

Stock data

Shows or hides stock data.

Data title

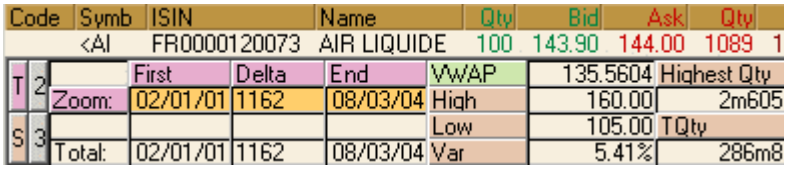
Shows or hides data titles.

Data Stat

Shows or hides data statistics.

Statistics include the following information:

Historical Mode


Code Symb ISIN Name Qty Bid Ask Qty
<AI FR0000120073 AIR LIQUIDE 100 143.90 144.00 1089 1
T 2 First Delta End VWAP 135.5604 Highest Qty
Zoom: 02/01/01 1162 08/03/04 High 160.00 2m605
S 3 Low 105.00 TQty
Total: 02/01/01 1162 08/03/04 Var 5.41% 286m8

You can modify the **First, Delta** and **End** parameters.

One VWAP (Volume Weighted Average Price) information field is available.

Button Descriptions

Toggles **Time/Date** information area (shown in orange above) on or off.

Toggles **Statistics** information area (shown in blue above) on or off.

Shows data statistics display on two horizontal lines.

Shows data statistics area on three horizontal lines.

Shows data statistics area on all four horizontal lines.

Copy/Paste

The Historical data can be copied into Excel, Notepad or Word, whether in the text or graphic mode:

Excel Example:

1. Select the ***Copy/Paste*** function to copy all the columns displayed
2. Click in the opened Excel window and use the **Paste** button

or

1. Press **Alt+Print Screen** to copy all the displayed and hidden columns
2. Click in the opened Excel window and use the **Paste** button

or

1. Open the Excel window
2. Highlight the data you want to copy
3. Drag and drop it in the Excel window, then click on the **Paste** button.

Intraday mode

(Ctrl I)

With this function you can toggle from the historical data to the Time and Sales (Intraday) data for a stock.

Text mode/ Graphic mode

(Tab)

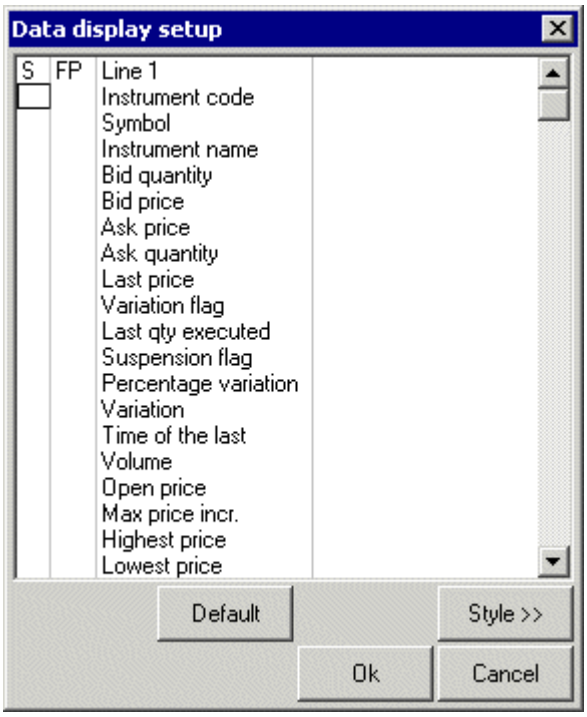
Use this function to toggle between the graphic mode and the text mode for a stock.

Stock market setup...

Defines the information displayed through the ***Stock data setup*** function. You can view this data on the top line of the Historical and Intraday windows.

When you select the ***Stock market setup...*** function, the Data display setup dialog box is displayed.

Select the fields you want to display in the Historical window.



Select the desired information.
Information displayed in grey will not appear; information displayed in black will appear.

You can also change the order of the horizontal display. To do this, click then drag and drop the item you want to move to its new position.

The **S** field is used for inserting a separation line between the columns of the Historical window.
To add a separation, just click in the **S** field, between the two titles you want to separate.
To remove a separation, click on the line in the **S** field.

The **FP** field is used to fix the position of selected data when you are scrolling from left to right within the window.
To do this, click in the **FP** field in front of the data you always want to be visible in your window.
To undo the fixed position, click in the **FP** field, on the line.

When you click on the **Style** button a new dialog box is displayed.
In the **Cursor shape** pane**,** select the type of cursor you want.
In the **Cursor properties** pane, select its properties.

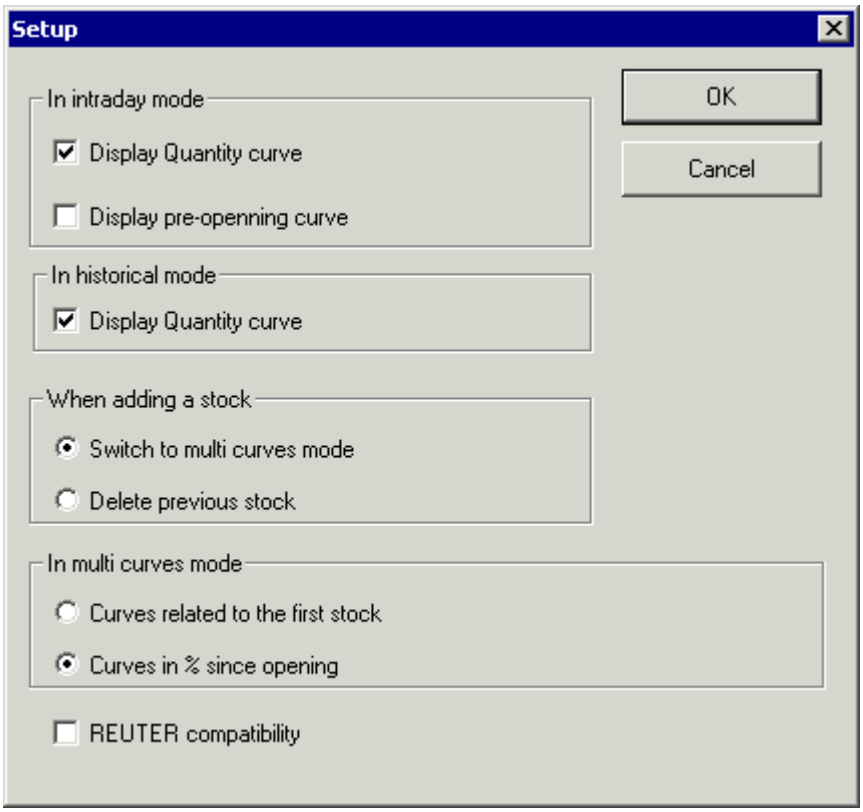
To apply the GL WIN default configuration, click on the **Default** button.
Then, click on **Ok** to validate or on **Cancel** to return to the initial configuration.

Stock historical setup...

Displays the Data display setup window in Text Mode.

Setup...

Displays the Setup dialog box that enables you to define how the Time and Sales and Historical windows will work.



You can select several criteria to be applied to a graph.

*Example: in the **When adding a stock** area, you can tick the **Switch to multicurve mode** option to display up to four stock curves in the same graph.*

In **multi-curves mode** (last area), select one of the two options. With two curves:

- *Curves related to the first stock*: the second curve is displayed with respect to the first curve.
- *Curves in % since opening*: the two curves begin at the same point (0).

Click on **OK** to validate or on **Cancel** to exit.

Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** function explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
For further information, see the ***Colors*** function explanation associated with the ***Display*** menu of the Market Watch window.

Quit

(Alt+F4)

Exits the Historical window.

The Stock menu

This menu includes three functions:

- Add
- Remove
- Controlled window
- Web Historical

Add

(Ins)

Calls the ***Dictionary*** and enables you to add a new stock to the Historical window.

Remove

(Del)

Removes the selected stock.

Controlled window setup

In GL WIN, certain windows can be controlled by others.

See the detailed description of the ***Display -> Controlled window setup...*** function for the Instrument Summary window.

Web Historical

Enables you to access historical data stored on the **GL TRADE.net** site. This function is available if you have subscribed to the appropriate package.

The Graphic menu

This menu includes three functions and two sub-menus:

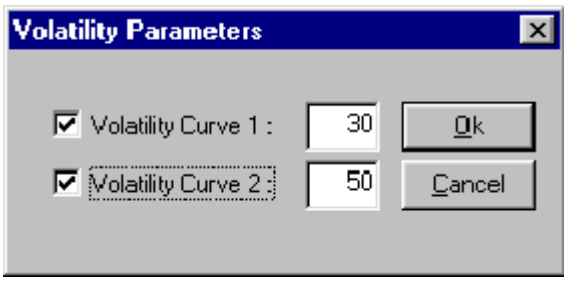
- Legends and cursor
- Volatility
- Mobile averages
- Draw setup
- Depth Historical

Legends and cursor

This function enables you to show or hide the legends and cursor.

Volatility...

This function enables you to define the parameters of the volatility curves.
When you select this function, the Volatility Parameters dialog box is displayed.



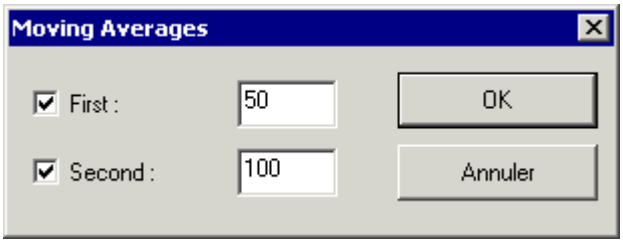
Tick the **Volatility Curve 1** field to display the first curve. You can modify the value for the calculation of the volatility.
Tick the **Volatility Curve 2** field to display the second curve. You can modify the value for the calculation of the volatility.

A default configuration is defined by GL STREAM WS.

Click on **OK** to validate or on **Cancel** to exit the function.

Mobile averages...

When you select this function, the Mobile Averages dialog box is displayed.



Tick the **First** field to modify the first mobile average. The specified value corresponds to the number of days over which the mobile average is calculated.
By default, the value of the first field is 50.

Tick the **Second** field to modify the second mobile average.
By default, the value of the second field is 100.
You can modify both parameters.

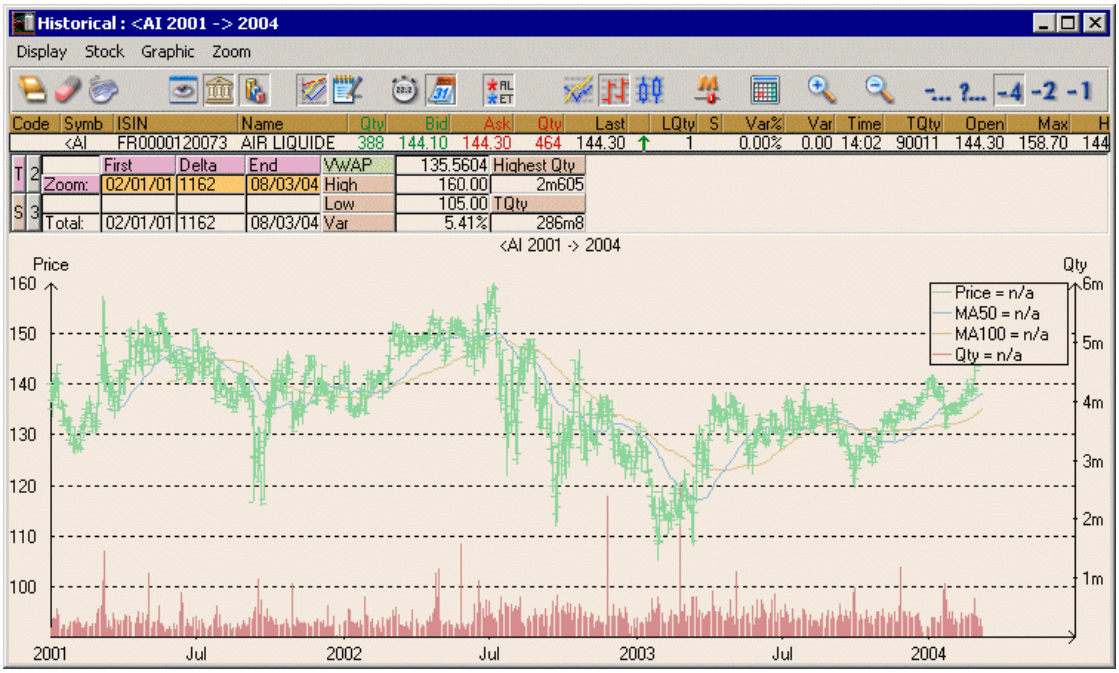
Click on **OK** to validate or on **Cancel** to exit the function.

Draw setup

The Draw setup function displays a new sub-menu including three functions :

Historical Window

Chart Mode
In graphic mode, this function displays information in charts.

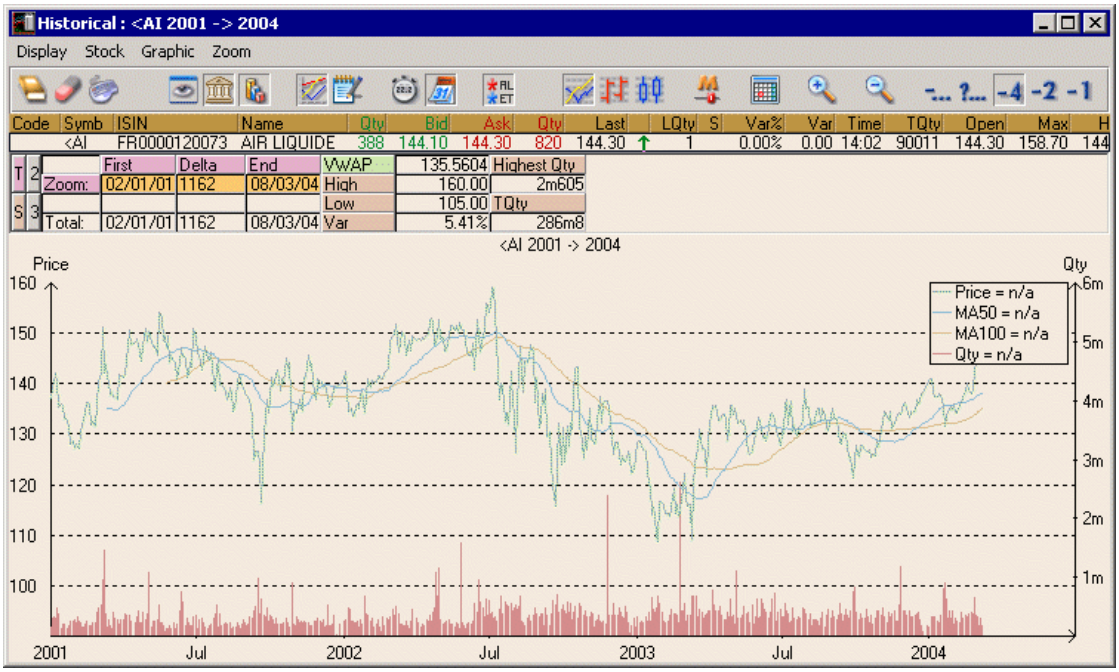


Each yellow marker specifies the main information for a stock at a specific date (lowest and highest prices, opening and closing prices). You can read this information by positioning the vertical line

cursor on the appropriate marker and move using the keyboard arrow keys. The data is displayed in the legend box.

Linear Mode

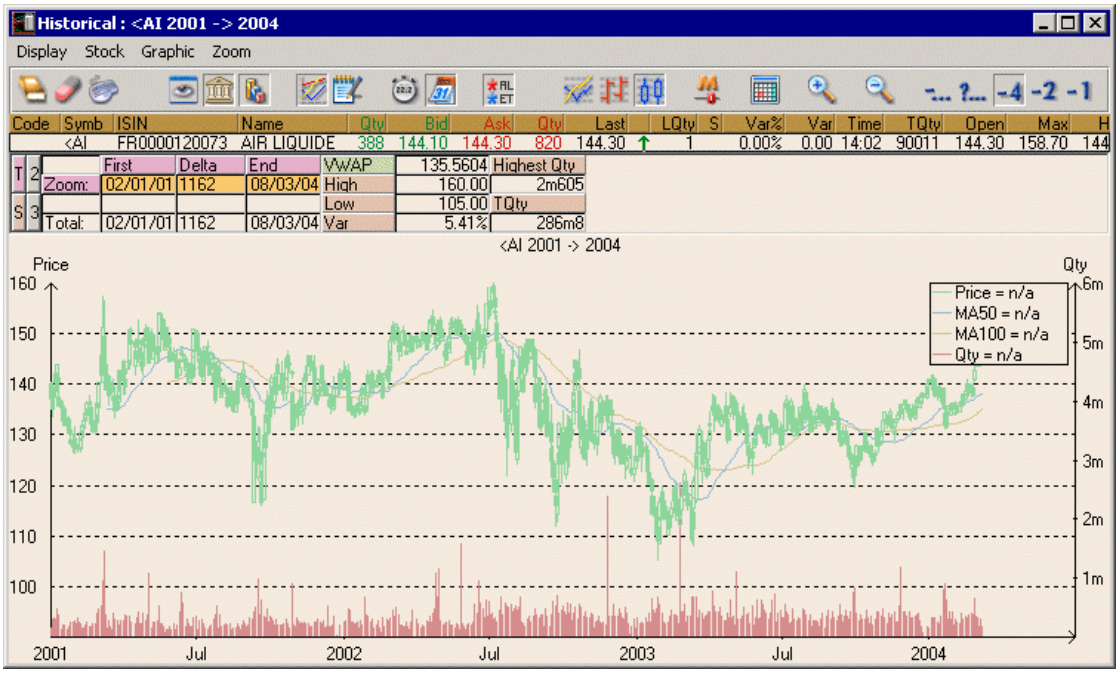
In graphic mode, this function displays information in linear curves.



Points represent **closing prices**.
Use the keyboard arrow keys to move from one point to another. The information is displayed in the legend box.

Candlestick Mode

In graphic mode, this function displays information in candlesticks.



Displays as much data as in the Chart Mode. Moreover, this mode indicates the opening/closing price of the stock via Japanese candlestick coloring.
Use the keyboard arrow keys to move from one point to another. The information is displayed in the legend box.

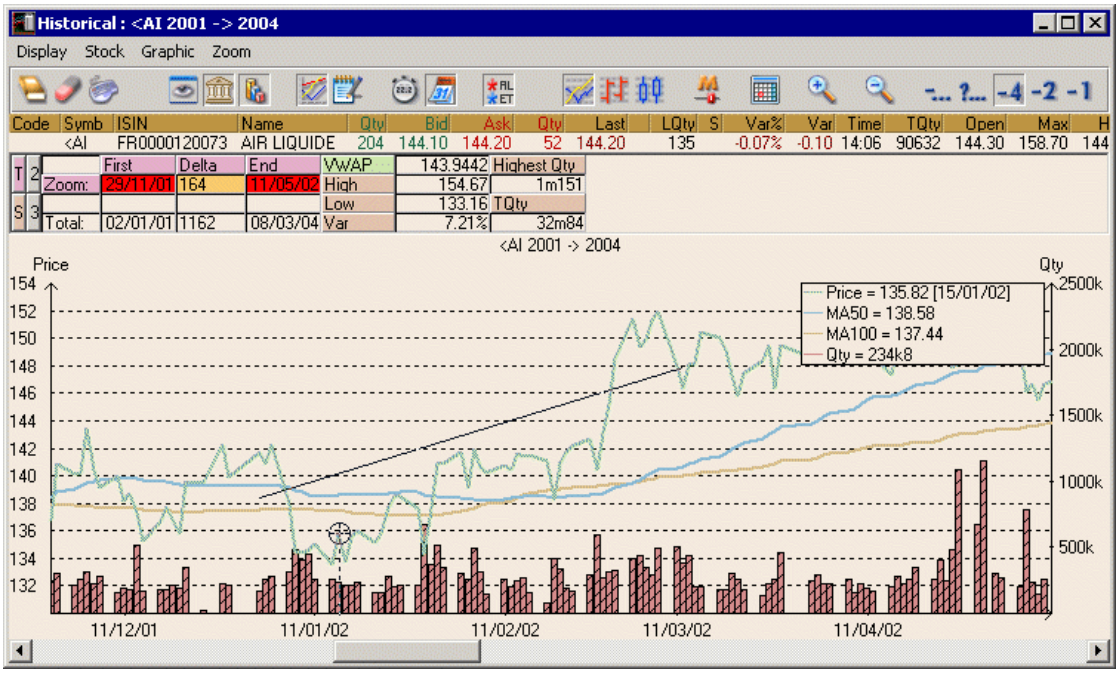
Intraday Window

Only the Linear Mode is available.

Drawing Tools

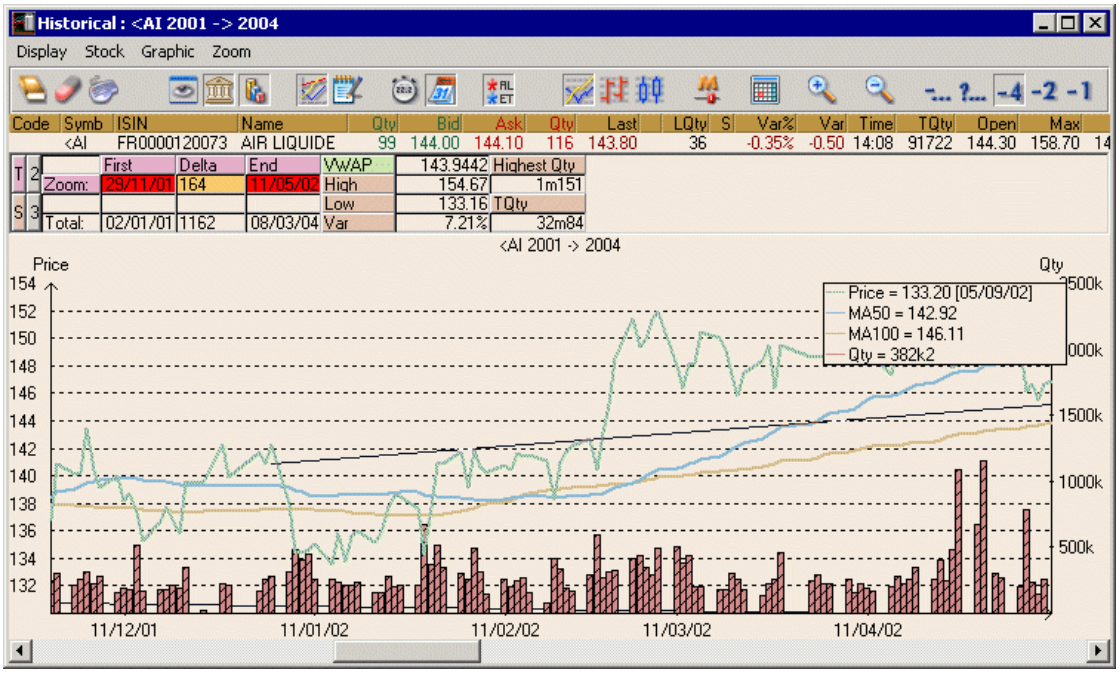
Segment

Use this option to draw a segment between two points of the graph with a **Ctrl+ Left Click** operation.



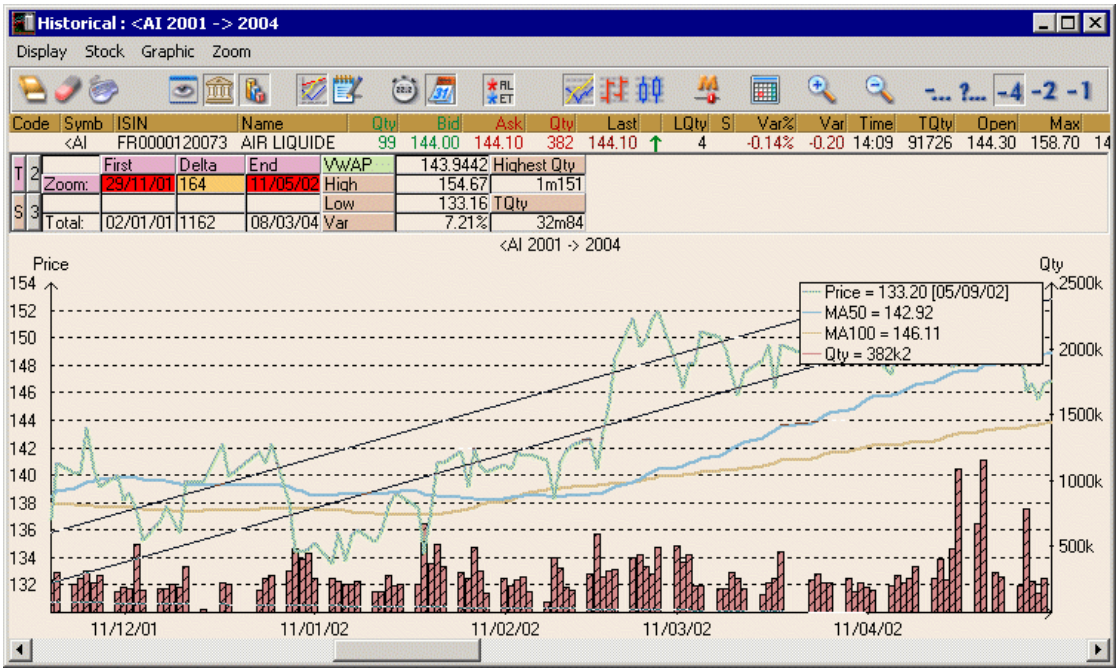
Half Trend Line

This option enables you to draw an infinite line from a defined point of the graph by using the **Ctrl + Left Click** command.



Parallel Line

Use this option to draw a first trend line via the **Ctrl + Left Click** command and then a parallel trend line with a second **Left Click** action (without the **Ctrl** command).



Graphical tools are displayed even if the time period or the zoom scale is modified.

Depth Historical

By clicking on the ***Graphic -> Depth Historical*** sub-menu, you can select a time period of:

-1 **1 year,**

-2 **2 years,**

-4 **4 years**

-... or the complete available stock history (**All**).

The same functions are available via the Icon Bar.

Delete Trend Lines

This function only appears after you have created the first trend line (Ctrl + left mouse button).
Use this function to delete one by one the appropriate lines. In the ***Delete Trend Lines*** sub-menu, all created lines are numbered. When you position the cursor on a line number in this sub-menu, the corresponding line is graphically highlighted.

Click on the line number to delete the line.

You can also delete ***All*** the trend lines in one operation.

The Zoom Menu

You can zoom in on a specific area of the graph in several ways:

1. By pressing the **Shift** key and picking the desired graph area with the mouse left button,
2. By picking the desired graph area with the mouse left button and clicking on the Zoom In icon or selecting the ***Zoom -> Zoom In*** function.

To return to the initial display (zoom out), click on the Zoom Out icon or select the ***Zoom -> Zoom Out*** function.

This menu includes the following functions:

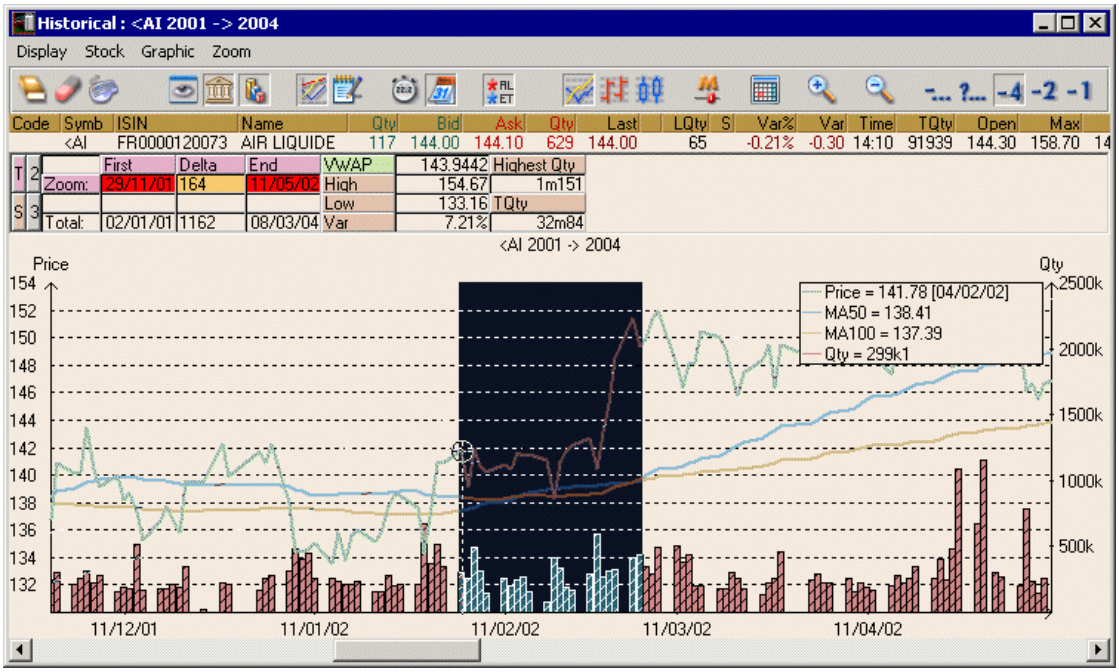
- Zoom In
- Zoom Out

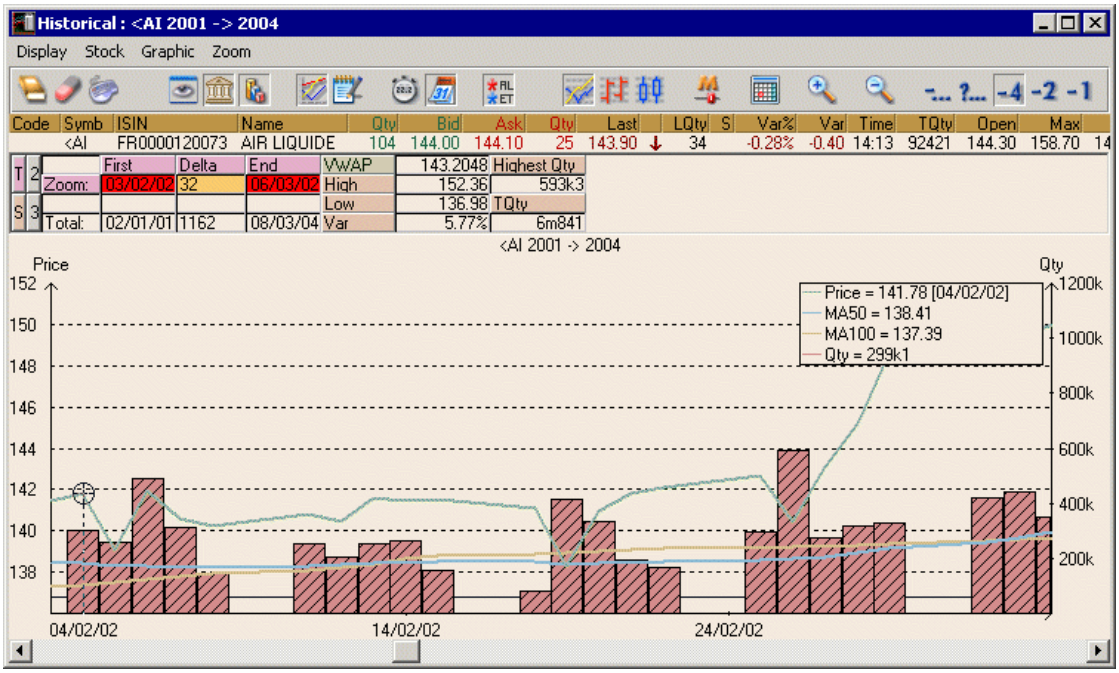
Zoom In

Enables you to zoom in on a specific area of the graph by:

- picking this area with the mouse left button and then clicking on the Zoom In icon,
- keeping the **Shift** key down and picking the specific area,
- entering directly the number of historical days to be displayed in the **Delta** field of the Statistics Area, or indicating specific values in the **First** and **End** fields.

The information displayed in the Statistics Area is updated accordingly. It means that the **High, Low**, Percentage **Var**iation, **VWAP** calculation area, **Broker #** fields are refreshed.





The scrolling bar at the bottom of the window helps you visualizing with the same zoom scale the part of the graph not selected.

Zoom Out

After zooming in on a specific area of the graph, use this function to return to the initial display.

The NewsWatch Window

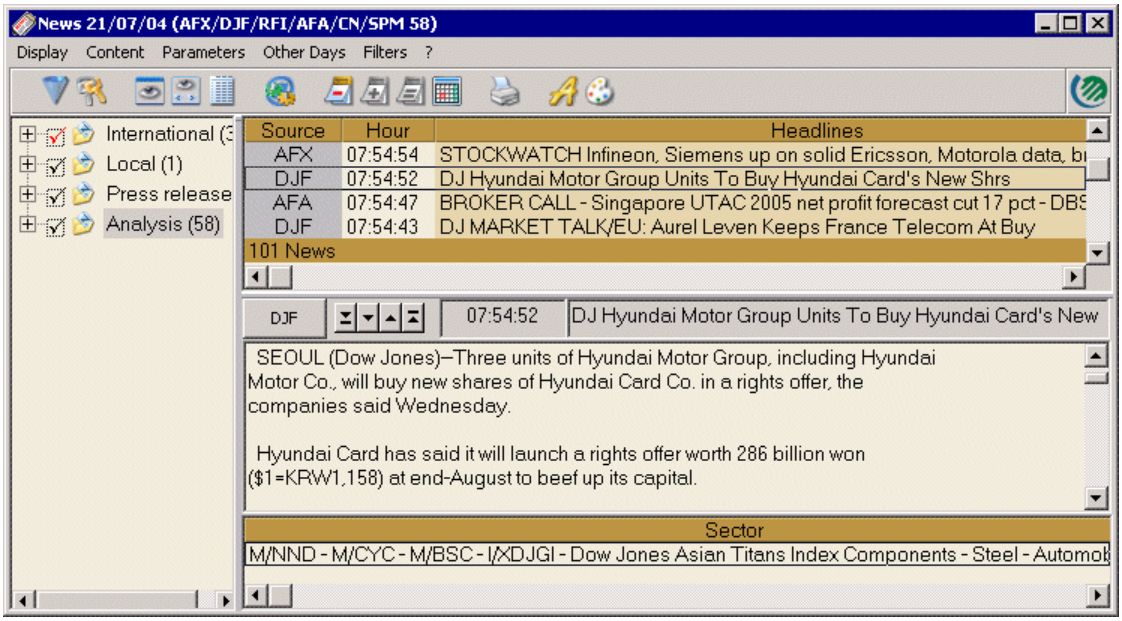
To access this window, click the Market Data icon then select ***NewsWatch***.
This window is divided into several different sections;

- Menus
- Tool bar
- News Feed Selector
- News Headline zone
- News Content zone
- Footer

File configuration and software requirements for the NewsWatch window are described in the Technical Requirements section.

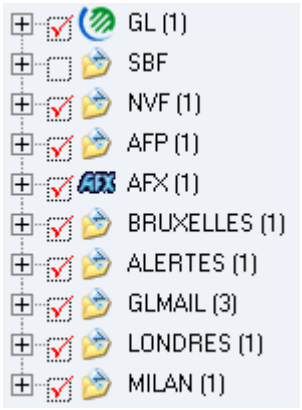
Introduction

The NewsWatch window enables you to display news and market information items from various sources, and to sort these items according to such factors as their source, sector, subject, etc. Specific items or combinations can be grouped and displayed in tabs or hybrid filter tabs according to the selected criteria (banks, health, sport...).
You can also set up Keyword Alerts to be instantly informed about incoming news pertaining to the specified keyword, or various quick filters to sort the type of news items you receive.


News 21/07/04 (AFX/DJF/RFI/AFA/CN/SPM 58)
Display
Content
Parameters
Other Days
Filters
?
International (
Local (1)
Press release
Analysis (58)
Source
Hour
Headlines
AFX
07:54:54
STOCKWATCH Infineon, Siemens up on solid Ericsson, Motorola data, b
DJF
07:54:52
DJ Hyundai Motor Group Units To Buy Hyundai Card's New Shrs
AFA
07:54:47
BROKER CALL - Singapore UTAC 2005 net profit forecast cut 17 pct - DBS
DJF
07:54:43
DJ MARKET TALK/EU: Aurel Leven Keeps France Telecom At Buy
101 News
DJF
07:54:52
DJ Hyundai Motor Group Units To Buy Hyundai Card's New
SEOUL (Dow Jones)—Three units of Hyundai Motor Group, including Hyundai Motor Co., will buy new shares of Hyundai Card Co. in a rights offer, the companies said Wednesday.
Hyundai Card has said it will launch a rights offer worth 286 billion won ($1=KRW1,158) at end-August to beef up its capital.
Sector
M/NND - M/CYC - M/BSC - I/XDJGI - Dow Jones Asian Titans Index Components - Steel - Automob

News Feed Selector

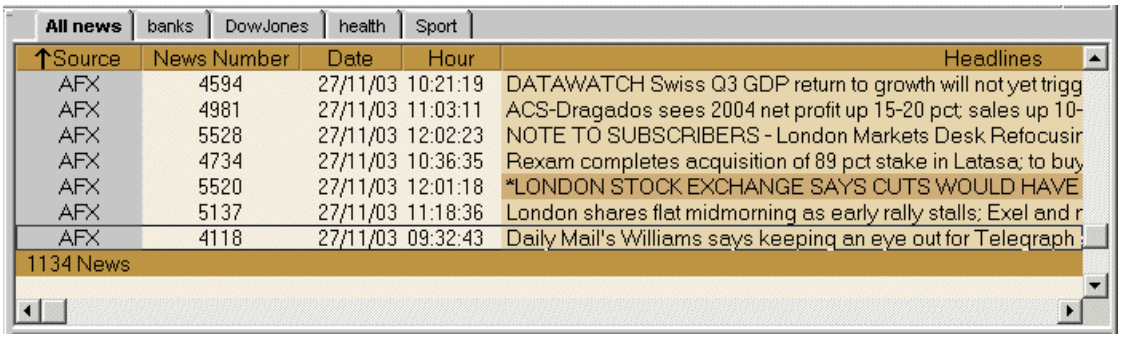
The news feed selector is on the left-hand side of the window.



It displays all of your active configured feeds, and enables you to choose the feeds you wish to receive news items from. See the section described in ***News -> Parameters Menu -> Origin*** for more in depth information.

News Headline zone

The **News Headline** zone is the main viewing area of the NewsWatch window.


All news
banks
DowJones
health
Sport
Source
News Number
Date
Hour
Headlines
AFX 4594 27/11/03 10:21:19 DATAWATCH Swiss Q3 GDP return to growth will not yet trigg
AFX 4981 27/11/03 11:03:11 ACS-Dragados sees 2004 net profit up 15-20 pct; sales up 10-
AFX 5528 27/11/03 12:02:23 NOTE TO SUBSCRIBERS - London Markets Desk Refocusir
AFX 4734 27/11/03 10:36:35 Rexam completes acquisition of 89 pct stake in Latasa; to buy
AFX 5520 27/11/03 12:01:18 *LONDON STOCK EXCHANGE SAYS CUTS WOULD HAVE
AFX 5137 27/11/03 11:18:36 London shares flat midmorning as early rally stalls; Exel and r
AFX 4118 27/11/03 09:32:43 Daily Mail's Williams says keeping an eye out for Telegraph
1134 News

The News Headline zone displays columns such as the **Source** identifier, the **News Number**, and the **Date** and **Time** of each news item, plus its headline. Tabs can be added to organise news items according to user-defined filters.
A text search can be entered in the upper line of the News Headline area. Press **Enter** to execute the search. Note that the results of headline searches are displayed in a dedicated **Search Text** tab.
To mark a story of particular interest, put a tick beside it in the **Selected** column. To gather all marked news items together in a group, right-click on the **Selected** column title and choose Select from the drop-down menu. To redisplay all news items, choose **Unselected** from the same menu.

News Content zone

Displays the complete news item. From this section you can navigate up and down between headlines and display the story by using the navigation buttons, and lock the news source.

Footer

Displays summary and descriptive information for the news items. You can also set-up hybrid filters from this zone.

Technical Requirements

In order to use the NewsWatch window, ensure that the following technical requirements are met.

Note: To use the NewsWatch window with an SLC below version 4.106-x-y, add the parameter `Old` at the end of each "`SourceXX`=…. For example: Source36=80,DBD,Analysis,/,NEWS,PSE,10,DayByDay English,old

GL WIN
Minimum version 5.02.

News.dat file
Has to be present in the GL WIN application directory.

GLTRADE.NET
On analysis news (Day By Day and Trading Central), graphical analysis is available on the GLTRADE.NET website by clicking the hyperlink in the story text

GL NET
The news providers are only available via the GL NET.

Press Release providers are free of charge (i.e. Company News Group and PR Newswire).

GLflux.ini Configuration

Insert the following lines under the `[GLID]` section:

```
glid1=,NEWS,GL,,,1
glid2=&,NEWS,BDGE,,,1
glid3=#,NEWS,RTU,,,1
glid4=/,NEWS,PSE,,,1
```

Insert the following lines under the `[SOURCES]`section:

```
Source1=80,AFX,International,,NEWS,GL,0,AFX Europe
Source2=80,DJF,International,,NEWS,GL,1,DJ Financial Wire
Source3=80,RFI,International,,NEWS,GL,2,Reuters News
Source4=80,AFA,Local,&,NEWS,BDGE,0,AFX Asia
Source5=80,ACE,Local,&,NEWS,BDGE,1,AFX Italy
Source6=80,ASE,Local,&,NEWS,BDGE,2,AFX Spain
Source7=80,ANL,Local,&,NEWS,BDGE,3,AFX NL
Source8=80,ASF,Local,&,NEWS,BDGE,4,AFX SwissF
Source9=80,ASU,Local,&,NEWS,BDGE,5,AFX SwissG
Source10=80,EXT,Local,&,NEWS,BDGE,6,AFX UK
Source11=80,ADE,Local,&,NEWS,BDGE,8,AFX Germany
Source12=80,DJT,Local,&,NEWS,BDGE,9,DJ France
Source13=80,DJY,Local,&,NEWS,BDGE,10,DJ Dutch
Source14=80,DJZ,Local,&,NEWS,BDGE,11,DJ Spain
Source15=80,DJV,Local,&,NEWS,BDGE,12,DJ Germany
Source16=80,DJW,Local,&,NEWS,BDGE,13,DJ Italy
Source17=80,DJX,Local,&,NEWS,BDGE,14,DJ Portugal
```

```
Source18=80,AFP,Local,&,NEWS,BDGE,15,AFP Finance International
Source19=80,AFP,Local,&,NEWS,BDGE,16,AFP Finance France
Source20=80,TOP,Press release,#,NEWS,RTU,0,Euro Top 100
Source21=80,PRN,Press release,#,NEWS,RTU,1,PR Newswire
Source22=80,RNS,Press release,#,NEWS,RTU,2,UK Regulatory News
Source23=80,USP,Press release,#,NEWS,RTU,3,US PR Newswire
Source24=80,CN,Press release,#,NEWS,RTU,4,CompanyNews French
Source25=80,CN,Press release,#,NEWS,RTU,5,CompanyNews English
Source26=80,CN,Press release,#,NEWS,RTU,6,CompanyNews Italian
Source27=80,CN,Press release,#,NEWS,RTU,8,CompanyNews Spanish
Source28=80,CN,Press release,#,NEWS,RTU,9,CompanyNews Dutch
Source29=80,CN,Press release,#,NEWS,RTU,10,CompanyNews German
Source30=80,EMS,Analysis,_,NEWS,PSE,0,European MarketScope
Source31=80,SPM,Analysis,_,NEWS,PSE,1,US MarketScope
Source32=80,AMS,Analysis,_,NEWS,PSE,2,Asian MarketScope
Source33=80,TC,Analysis,_,NEWS,PSE,3,Trading Central French
Source34=80,TC,Analysis,_,NEWS,PSE,4,Trading Central German
Source35=80,TC,Analysis,_,NEWS,PSE,5,Trading Central Italian
Source36=80,TC,Analysis,_,NEWS,PSE,6,Trading Central English
Source37=80,TC,Analysis,_,NEWS,PSE,8,Trading Central Dutch
Source38=80,DBD,Analysis,_,NEWS,PSE,9,DayByDay French
Source39=80,DBD,Analysis,_,NEWS,PSE,10,DayByDay English
```

Glparam.ini file

```
[Global]
ValidKey=GL
NbDicEntry=0
NbK1Entry=0
NbK20Entry=0
NbK21Entry=0
```

NewsWatch Menus

The NewsWatch window includes the following menus:

- Display
- Content
- Parameters
- Other Days
- Filters

You can also right-click in the window to display a menu including all the functionalities.

NewsWatch Toolbar

The toolbar in the NewsWatch window gives access to the most common functions. The toolbar is as follows:

Icon	Function
	Opens the Filters window.
	Opens the Keywords Alert window.
	Hides/shows the window title and menus.
	Hides/shows the scrollbar beneath the main news headline window.
	Opens the Title Background window.
	Launches the News Search Engine function.
	Displays the previous day's news.
	Displays the next day's news.
	Displays today's news.
	Displays the calendar.
	Prints the currently highlighted news item.
	Opens the Font window.
	Opens the Colors window.

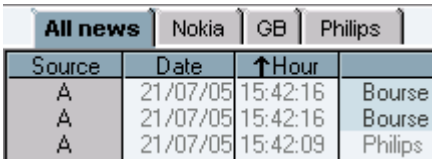
Filters and Tabs

The NewsWatch window can be configured in various ways to enable you to find and display exactly the types of information that you most want to see. This is done through a system of tabs and filters. You can set-up the entire NewsWatch window as a Controlled Window. This means that the NewsWatch window becomes filtered by the information chosen in the controlling windows of GL WIN, such as instruments in the Market Watch.
You can also configure:

- Tabs/Filters
- Quick Filters
- Hybrid Filter Tabs

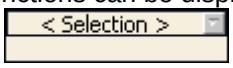
Tabs/Filters

Full filtering of the information received in the NewsWatch window is controlled by a system of tabs. The actual information filtered from the news feeds is defined according to the criteria that you select in the Filters window.

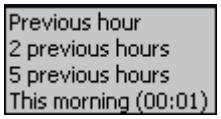


You can add as many tabs as you like to the news headline zone, and tab titles can be anything you wish, such as (banks, health, sport), whereas Hybrid Tab titles depend on the data, such as "*mergers & acquisitions".

Quick Filters

Quick Filters functions can be displayed by right-clicking on a relevant column title in the news headline zone. 

Quick-filtering allows you to set up immediate filtering on specific columns of the NewsWatch window. The Quick Filters function is a user-definable free-text field, which enables you to search and filter news items for one particular company, for example.
However, several predefined filtering crtiteria exist for the **Date** and **Hour** columns:



Date Criteria	Hour Criteria
Yesterday	Previous hour
5 previous days	2 previous hours
10 previous days	5 previous hours
15 previous days	This morning (00:01)
Previous month	
2 previous months	

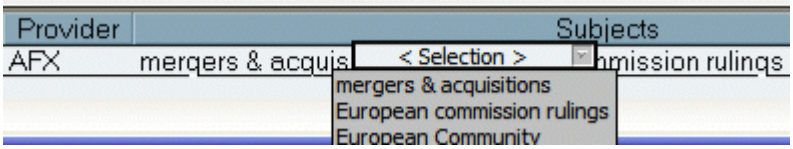
You can also filter news items to display only those of interest to you. Put a tick beside the item in the **Selected** column, then gather all marked news items together in a group by right-clicking on the **Selected** column title and choosing ***Select*** from the drop-down menu. To redisplay all news items, choose ***Unselect*** from the same menu.

To deactivate the filtering on a column, press ***Ctrl + right click*** on the column. However, the quick filters only work with one column at a time, so if you choose to filter a different column, the filter on the previous column will automatically be removed.

Hybrid Filter Tabs

You can create a Hybrid Filter tab by right-clicking on the header line of one of the Footer columns. The Hybrid Filter tabs are displayed alongside standard tabs, but are distinguishable by the asterisk at the beginning of the title.
To add a hybrid filter tab;

1. Ensure that the News Watch window is configured to show the footer section (***Display -> Show Footer***). Clicking on a headline then displays a news item with a footer, if the news provider sends footer information with the story.
2. Find a story that has a footer section.
3. Right-click on the **Subjects** column header in the footer section to display a box with a <Selection> title and a combo box on the right-hand side (an arrow pointing down).



4. Click on the combo box and choose one of the subjects. For example if you choose *mergers & acquisitions* you create a Filter Tab entitled "**mergers & acquisitions*".

All news
*mergers & acquisitions
Source
Hour
AFX 17:26:57 *ENI TO HIVE OFF SNAM RETE
AFX 16:50:14 AFX NEWS BRIEFING: Mergers
AFX 16:58:54 Colonial H1 net 230 mln eur vs 16
AFX 17:01:08 Chevron ups bid for Unocal - UPD
AFX 17:06:31 *LEHMAN BROS/SCG/STARWO
AFX 17:07:24 Lehman Bros/SCG/Starwood buy

The News Headline Ticker

The News Headline Ticker displays the most recent headlines for a filter or an alert in a single horizontal line window. As new headlines for the filter/alert arrive they are scrolled into the window from the right and headlines that have been displayed previously eventually scroll out on the left.

The News Headline Ticker has several configurable options, including font, colors and scrolling speed. The News Headline Ticker also has a cache which enables a configurable number of headlines to be redisplayed if necessary as follows …

1. If there is not enough room in the window to display all the cached headlines at the same time then the ticker will continuously move headlines from right to left. Headlines which have been scrolled out of the window on the left will be recycled and eventually re-enter on the right. However, as soon as a new headline for the ticker's filter/alert arrives, it is displayed immediately on the right and the oldest headline is deleted from the cache.
2. When a ticker window is created a number of the most recent headlines for the filter/alert are requested (up to the cache limit) and these are scrolled in from the right in time order, with the oldest first in order that the most recent headline will be displayed on the right.

3. If the window is resized the cache is used to redisplay headlines in time order with the most recent headline on the right.

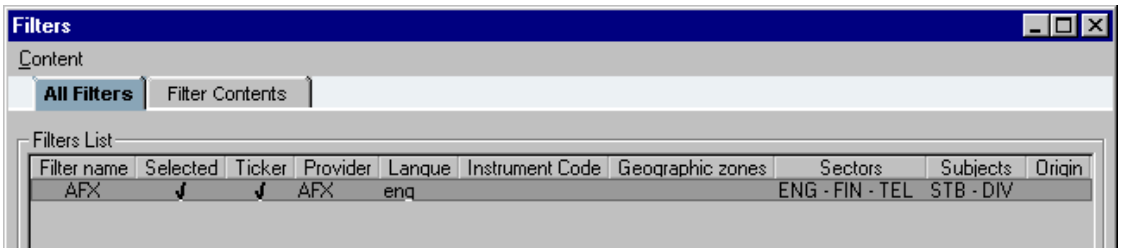
Creating a News Headline Ticker

There are two ways to create a News Headline Ticker;

- via the Filter dialog
- via the Keywords Alerts dialog

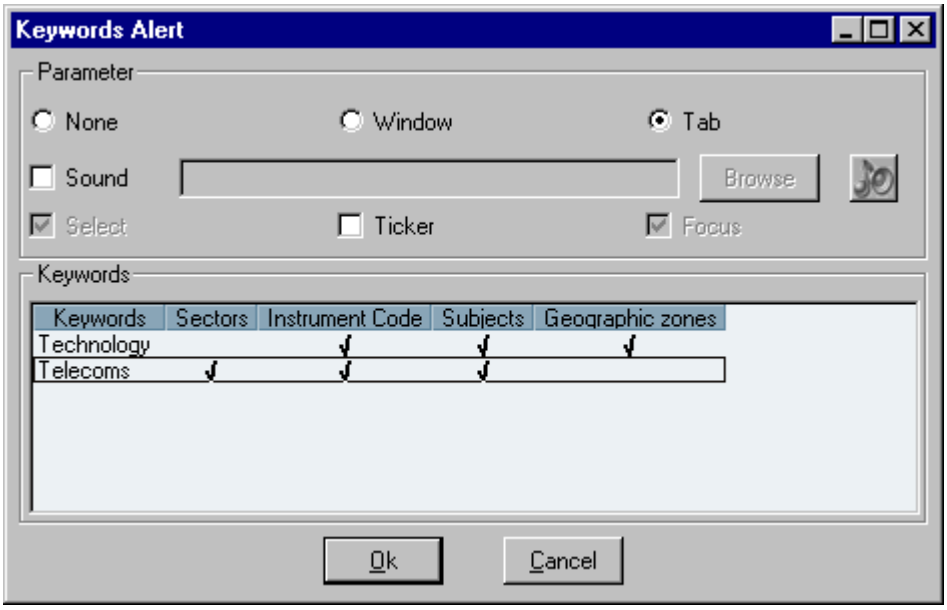
The Filter dialog

To create a ticker from the Filter Dialog, check the **Ticker** column in the **All Filters** tab. This immediately launches a News Headline Ticker for the selected items.



The Keywords Alerts dialog

To create a ticker from the Keywords Alert Dialog tab, check the Ticker checkbox. This immediately launches a News Headline Ticker for the selected items.



Configuring a News Headline Ticker

To configure the News Headline Ticker, use the Right-Click Menu. This menu includes the following functions:

- **Modify**
- **Show/Hide Title**
- **Close Ticker**

The Modify Menu

Use this menu to execute the following functions:

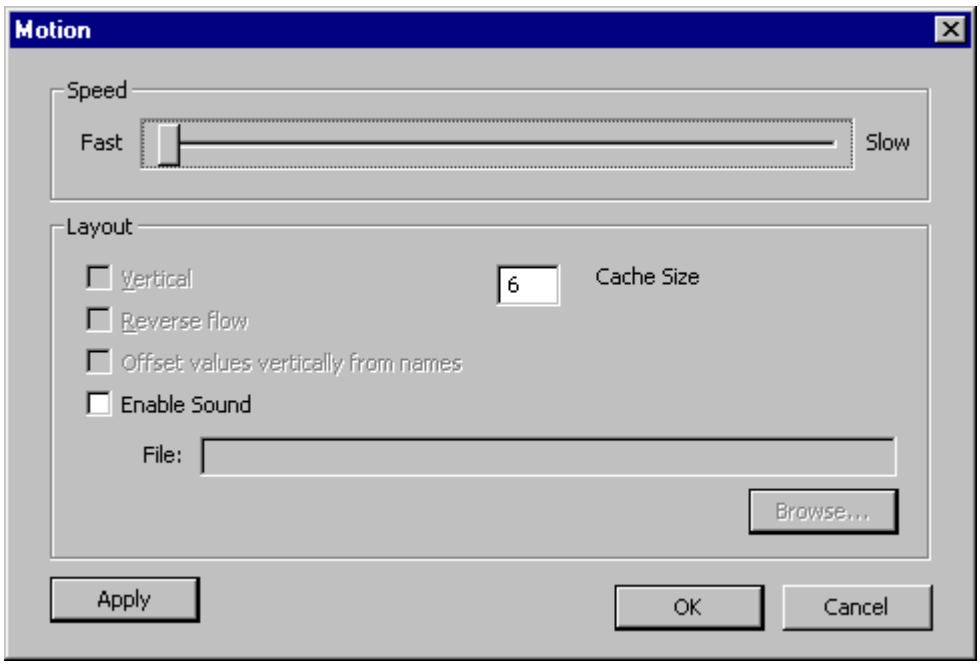
- **All…**
- **Font…**
- **Colors…**
- **Motion…**

All…
This function displays the Edit News Ticker Dialog for the ticker. You can modify the title, which will be displayed in the ticker's Title Bar. You can also invoke dialogs to modify the Font, Colors and Motion.

Font…
This function displays the Font Dialog for the ticker.
Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.

Color…
This function displays the Colors Dialog for the ticker.
You can modify the background color and the foreground color for all the headline priorities supported by the main News Watch Headline Window.

Motion…
This function displays the Motion Dialog for the ticker.



There are several options which can be changed from this dialog.
Speed indicates the normal speed of tickers which ranges from **Fast** to **Slow**. However, the scrolling speed may be increased temporarily if there are too many new headlines queued for display.
Cache Size indicates the total number of headlines which can be redisplayed by the ticker.
There is also an option to **Enable Sound** to be played whenever a new headline arrives.

Show/Hide Title

This function displays or hides the Title Bar. It is often useful to hide the Title Bar in order to save space on the desktop.
You can also type Control Left double-click to show or hide the Title Bar.

Close Ticker

This function closes the News Headline Ticker window and is equivalent to clicking on the Close Window Icon of the Title Bar.
You can reopen the News Headline Ticker for the same filter via the Filter Dialog.

The Display Menu

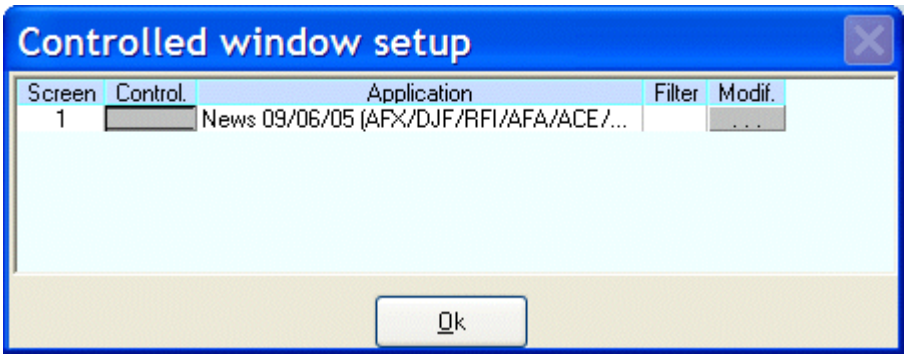
The ***Display*** menu includes the following functions:

- Controlled Window
- Column Setup
- Hide Origin Selection
- Hide News Content
- Hide Footer
- Hide Title and menus
- Hide Button bar
- Hide Scroll bars
- Hide Data title
- Font
- Colors
- Print
- Quit

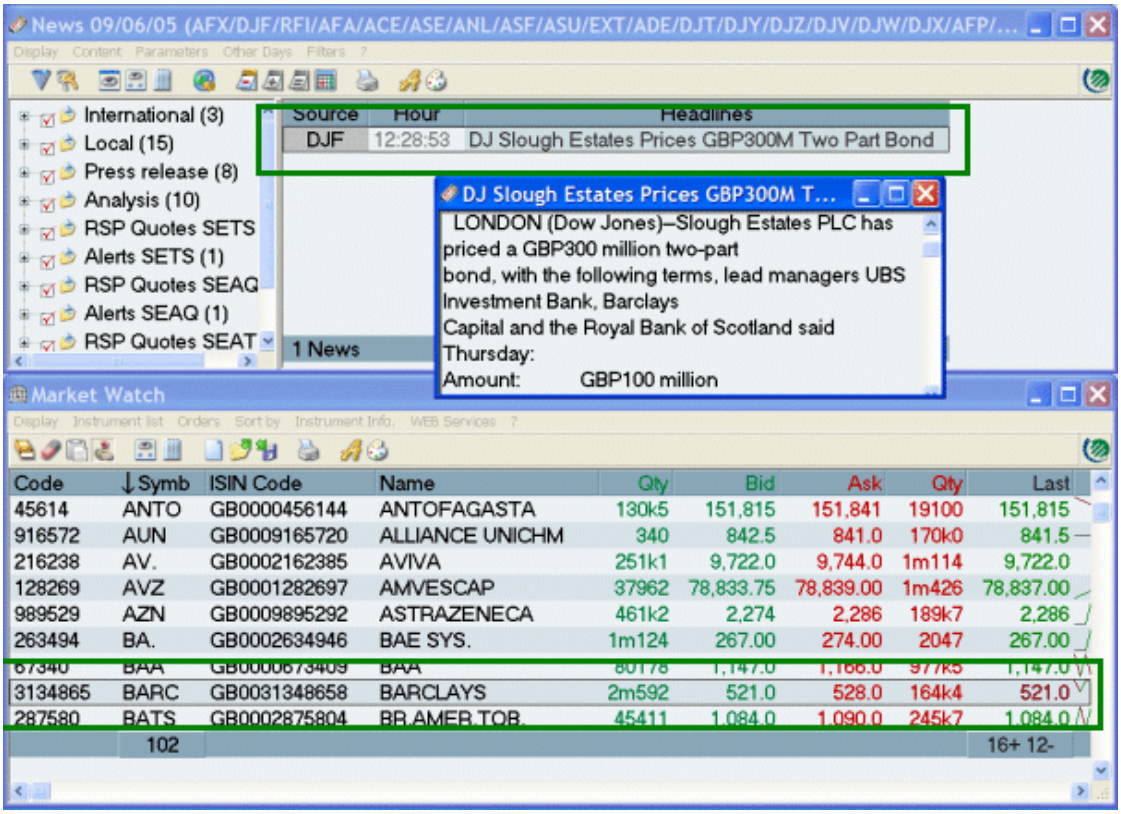
Controlled Window

The ***Controlled Window*** function enables the News Watch window to display news items for instruments selected from controlling windows, such as the Market Watch.

The first time you select the Controlled Window option the Controlled window setup dialog box opens:



Check the **Control.** zone to ensure that the window becomes a controlled window. After doing this once, you can check or uncheck the ***Controlled Window*** option as desired, but the Controlled window setup dialog box will no longer appear.
To use the News Watch widow as a controlled window, set, for example, the Market Watch as a controlling window application, then select an Instrument. The news items displayed are then filtered for the selected Instrument as shown in the example below:


News 09/06/05 (AFX/DJF/RFI/AFA/ACE/ASE/ANL/ASF/ASU/EXT/ADE/DJT/DJY/DJZ/DJV/DJW/DJX/AFP/...
International (3)
Local (15)
Press release (8)
Analysis (10)
RSP Quotes SETS
Alerts SETS (1)
RSP Quotes SEAQ
Alerts SEAQ (1)
RSP Quotes SEAT
Source
Hour
Headlines
DJF
12:28:53
DJ Slough Estates Prices GBP300M Two Part Bond
1 News
DJ Slough Estates Prices GBP300M T...
LONDON (Dow Jones)–Slough Estates PLC has priced a GBP300 million two-part bond, with the following terms, lead managers UBS Investment Bank, Barclays Capital and the Royal Bank of Scotland said Thursday:
Amount: GBP100 million
Market Watch
Code
Symb
ISIN Code
Name
Qty
Bid
Ask
Qty
Last
45614 ANTO GB0000456144 ANTOFAGASTA 130k5 151,815 151,841 19100 151,815
916572 AUN GB0009165720 ALLIANCE UNICHM 340 842.5 841.0 170k0 841.5
216238 AV. GB0002162385 AVIVA 251k1 9,722.0 9,744.0 1m114 9,722.0
128269 AVZ GB0001282697 AMVESCAP 37962 78,833.75 78,839.00 1m426 78,837.00
989529 AZN GB0009895292 ASTRAZENECA 461k2 2,274 2,286 189k7 2,286
263494 BA. GB0002634946 BAE SYS. 1m124 267.00 274.00 2047 267.00
3134865 BARC GB0031348658 BARCLAYS 2m592 521.0 528.0 164k4 521.0
287580 BATS GB0002875804 BR.AMER.TOB. 45411 1,084.0 1,090.0 245k7 1,084.0
102
16+ 12-

When controlled, the News Watch window displays news filtered according to the instrument selected in the controlling window. It is also checks headline codes for the presence of the ISIN code, the company name as well as the short code or symbol.

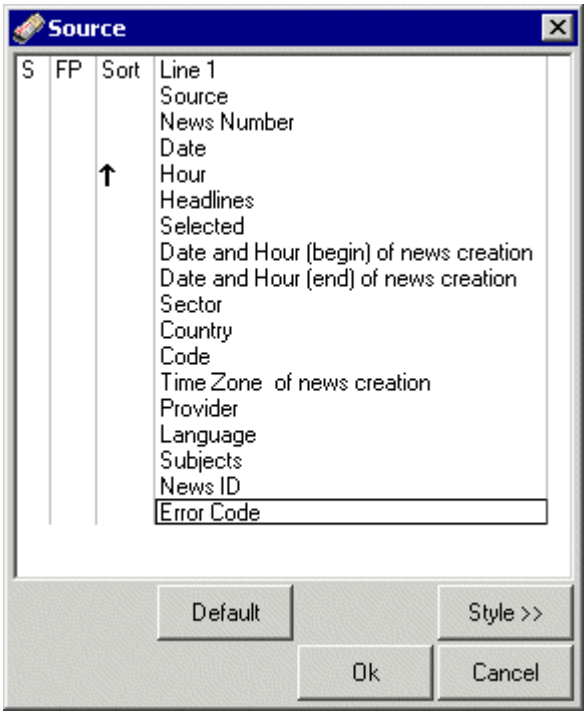
Controlled Window Filter

The Controlled Window Filter operates in a similar manner to the quick filters, therefore you can remove the Controlled Window Filter by using **Control + Right-Click** in the same way as you remove other quick filters.

The removal of the Controlled Window Filter via Control Right-Click is however only temporary. The NewsWatch window still responds to piloting messages and the Controlled Window Filter still applies when you click on an instrument in a controlling window. The Controlled Window Filter can only be removed permanently by unchecking the ***Controlled Window*** option in the Display Menu.

Column Setup

The ***Column Setup*** function displays the NewsWatch Column Setup window.
Select the fields you want to display in the NewsWatch window.



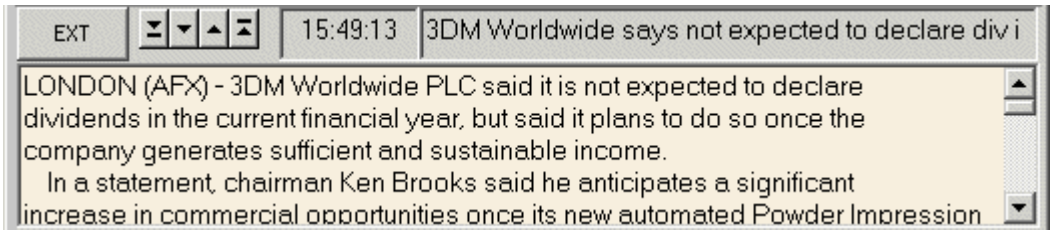
For detailed information, see the ***Display -> Select data display*** function in the Market Watch window.

Show/Hide Origin Selection

Shows/hides news source selection area on the left of the NewsWatch window.
The **News Source Selection** provides a list of all available news providers which are available. Note that the code of the news provider is only shown if the provider has been selected.
Refer to the News Origin Selection description in the News window section.

Show/Hide News content

Shows/hides **News Content** area on the bottom right of the screen. The News Content section displays the text associated with the headline currently selected in the News Headlines area.


EXT
15:49:13
3DM Worldwide says not expected to declare div i
LONDON (AFX) - 3DM Worldwide PLC said it is not expected to declare
dividends in the current financial year, but said it plans to do so once the
company generates sufficient and sustainable income.
In a statement, chairman Ken Brooks said he anticipates a significant
increase in commercial opportunities once its new automated Powder Impression

The area on top of the News Content section contains the following buttons and areas:

Button Descriptions

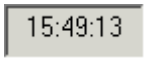
Source identifier - displays the code of the news origin. Click on this button to lock the source, so you can only scroll between news items from the locked source.

Click to scroll to the last news story (or last story of the provider if the source is locked).

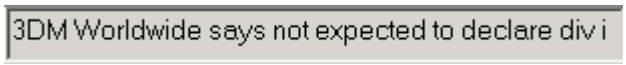
Click to scroll to the next news story down (or next story down of the provider if the source is locked).

Click to scroll to next news story up (or next story up of the provider if the source is locked).

Click to scroll to first news story (or first story of the provider if the source is locked).



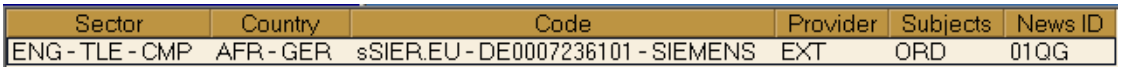
Shows time of currently-highlighted news item.



Displays the headline of the currently-highlighted news item.

Show/Hide footer

Shows/hides **Codes Information** area below the text section. The **Codes Information** area displays information relevant to the highlighted story, for example date, sector, country, provider, etc.



Sector	Country	Code	Provider	Subjects	News ID
ENG - TLE - CMP	AFR - GER	sSIER.EU - DE0007236101 - SIEMENS	EXT	ORD	01QG

Show/Hide title and menu

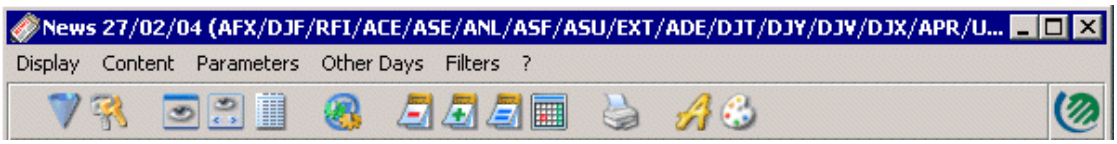
Shows or hides title and menus.

Show/Hide button bar

This function displays or hides the icon bar.

The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities you can also access through the window menus.

NewsWatch icon bar:



Show/Hide Scrollbar

Shows or hides the scrollbar.

Show/Hide Data title

Shows or hides the header and footer information for the news items displayed.

Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
To get further information, see the ***Colors*** explanation associated with the ***Display*** menu of the Market Watch window.

Print

(Ctrl + P)

To get detailed information, see the ***Print*** explanation associated with the ***Display*** menu of the Market Watch window.

Quit

(Alt F4)

Exits the NewsWatch window.

The Content Menu

The ***Content*** menu includes the following functions:

- News content
- Lock the source
- First News
- Previous News
- Next News
- Last News

News content

(Enter)

Provides the news content of the line selected in the News Headline section (story text pops up in the News Content section at the bottom of the window).

Lock the source

Locks the news item source provider, enabling you to scroll only among headlines from the selected source.

First News

(Home)

Moves to first news headline.

Previous News

(Up Arrow)

Moves to next news headline up.

Next News

(Down Arrow)

Moves to next news headline down.

Last News

(End)

Moves to last news headline.

The Parameters Menu

The ***Parameters*** menu includes the following functions :

- Case Sensitive
- Search Engine
- Keywords Alert

Case Sensitive

(Ctrl + A)

Makes the text search string case sensitive.

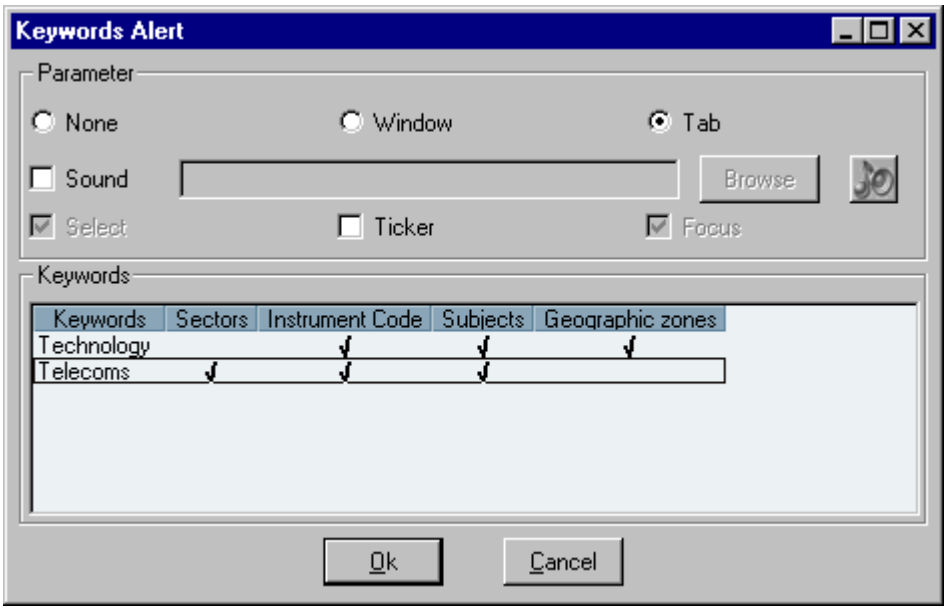
Search Engine

Enables you to access the **GLTRADE.net** search engine.
See the Search Engine description in the ***News -> Web menu*** section.

Keywords Alert

(Ctrl + A)

Displays the Keywords Alert window. This allows you to keep abreast of the latest headlines regarding companies or subjects of particular interest.

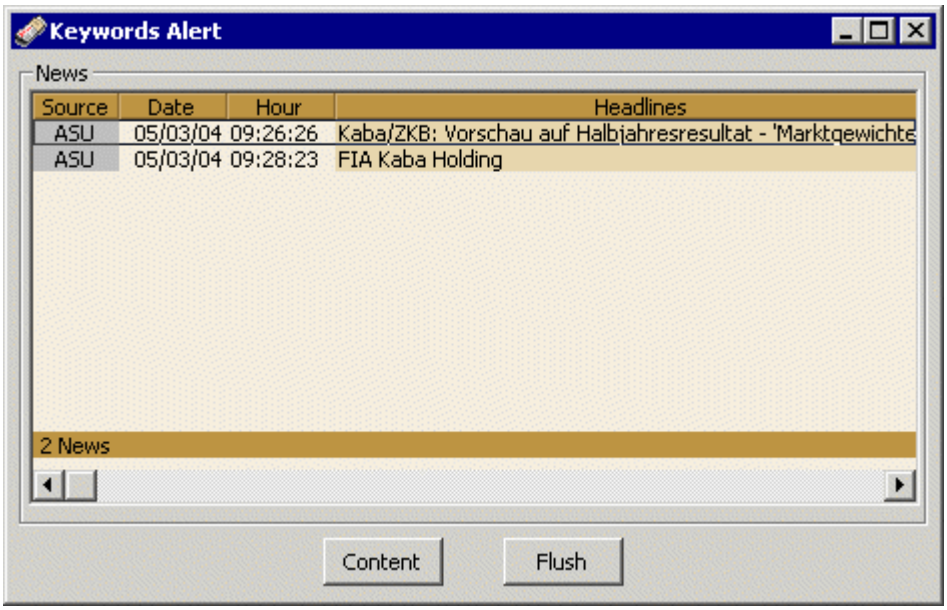


Enter a keyword in the free-text Keywords column to define the text alert criterion. Keywords can be deleted using the **Delete** key.
Select keyword alert parameters from the options below.

Buttons and Options

None
Headline is ticked in the main window to denote a keyword alert.

Window
Keyword alert pops up in a separate window.



Click the **Content** button to display the content of the news story in the main window. The **Flush** button empties the Keyword Alert window.

Tab
Keyword alert appears in a dedicated tab.

Sound
Use the **Browse** button to search for a sound file to serve as an alert.

Ticker
Launches a Ticker window for the selected items.

Focus
The appropriate news headline is highlighted in the News Headline window.

OK
Validates keyword alert parameters.

Cancel
Cancels changes to keyword setup.

Put a tick under each criteria you want to search for the keyword: **Sectors**, **Instrument Code**, **Subjects** and **Geographic Zones**.

The Other Days Menu

The ***Other Days*** menu includes the following functions:

- Previous Day
- Next Day
- Today
- Calendar

Previous day

(-)

Displays the previous day's news.

Next Day

(+)

Displays the next day's news.

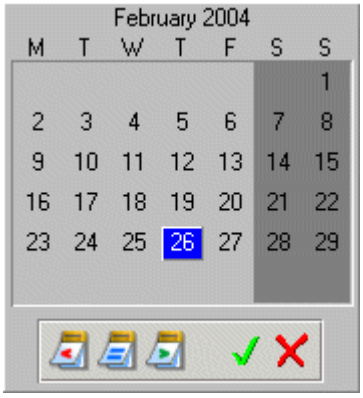
Today

(=)

Displays today's news.

Calendar

Use this icon to display the calendar and select dates.



For more information on using the Calendar, refer to ***Stock Menu -> Several Days*** in the Intraday window.

The Filters Menu

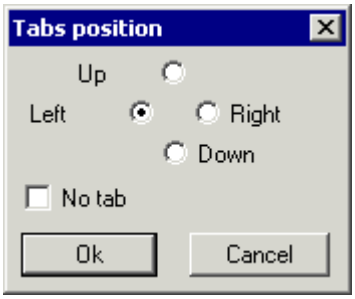
The ***Filters*** menu includes the following functions:

- Edit filters
- Tab position
- All news

All existing filters with an associated tab are listed below the options in the ***Filters*** menu.

Tabs Position

You can position created tabs with this function. The Tabs position dialog box includes four positions represented by radio buttons. You can choose an up, down, left or right position. You can also decide to display no tab at all by selecting the **No tab** option.



Click on **Ok** to validate or on **Cancel** to quit.

All news

Click to display all news items available (no filter is applied).

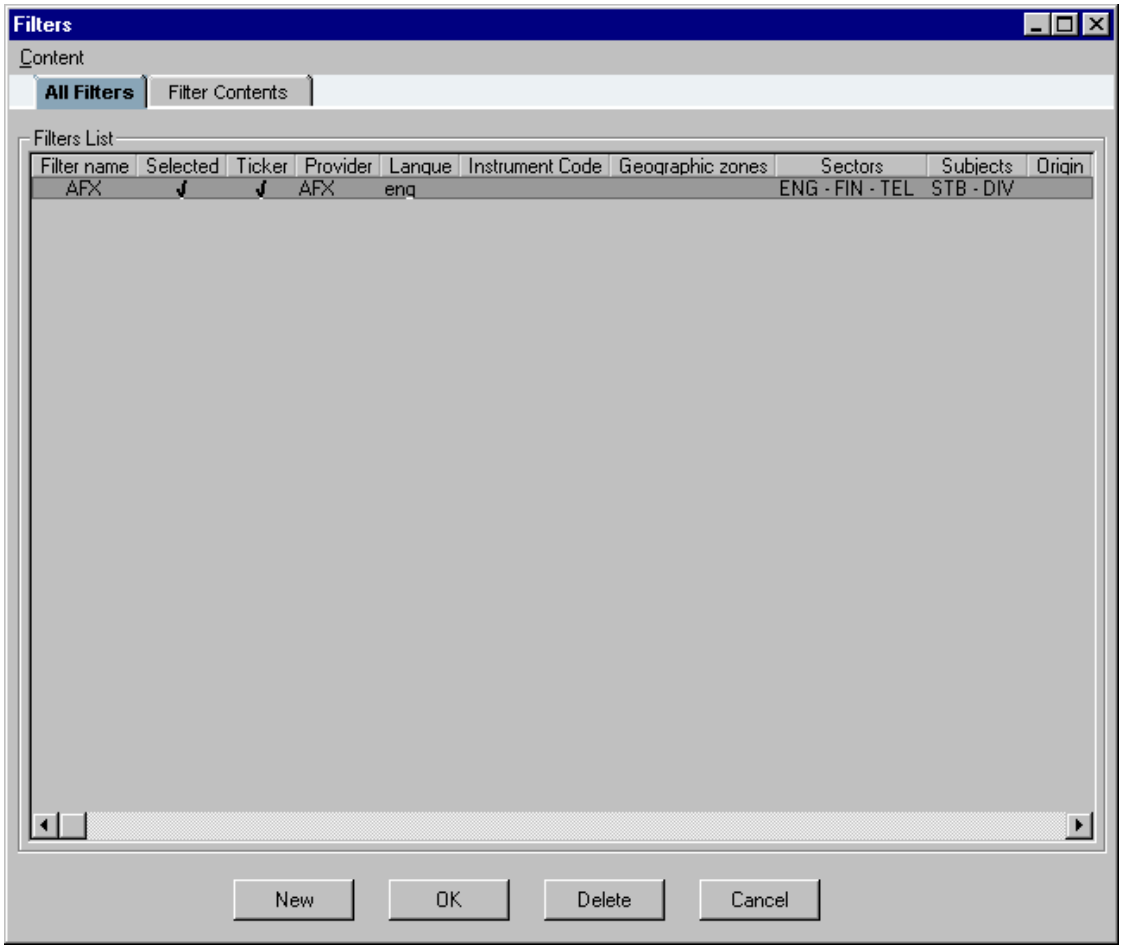
Edit Filters

The Filters Window

(Ctrl + F)

Lists all filters already created by the user and sets up filters on the following criteria:

- Newswire
- Language
- Instrument/company code
- Industries
- Countries/regions
- Subjects



You can use these filters to display only the relevant news items.

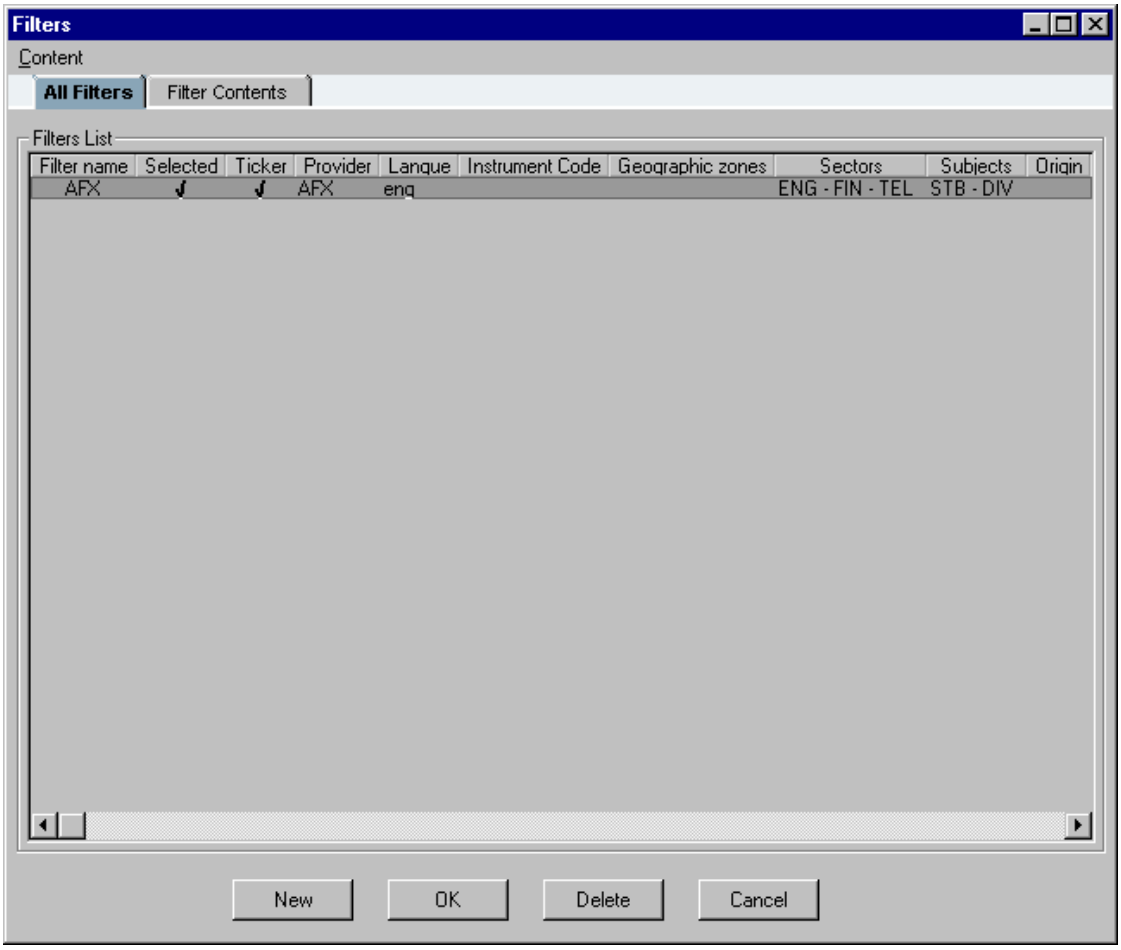
Standard Buttons and Options

Apply
Applies currently highlighted filter.

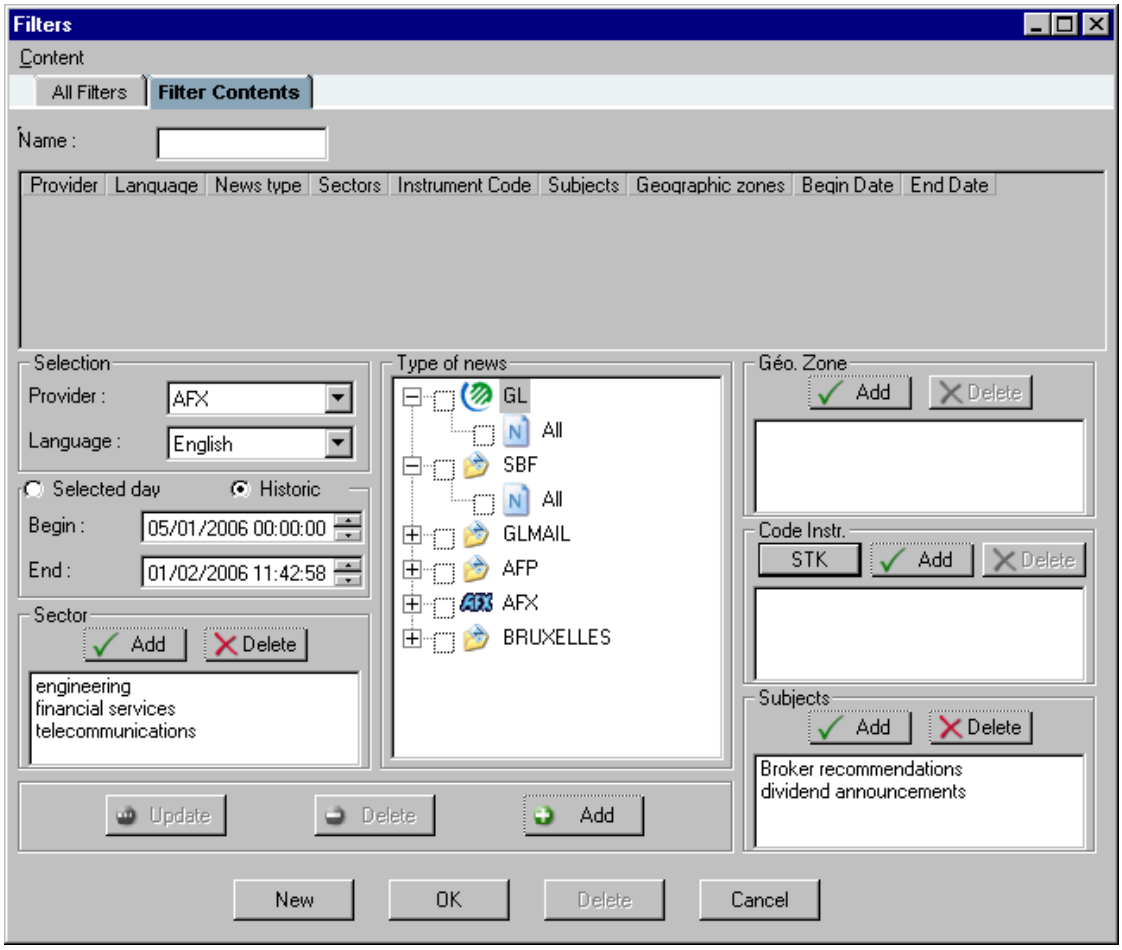
Cancel
Cancels all changes to filters.

How to Create a Filter

This section describes how to quickly set up a filter.



The filter creation and modification window is available by selecting **New** or **Filter Contents** in the above window. The window below appears.



First, you have to type in the name of the new filter in the **Name** edit box in the Filter Contents window. Then you have to follow the steps described below to create the sub-filter(s) contained within the filter. Sub-filters are displayed in the list following the **Name**.

1. Select the Provider of the news in the drop-down list of the **Selection** section. This action checks the box of all the news sources related to this provider in the **Type of news** section. If you want to reduce the selection of news sources you can deselect them.
2. When needed select the Language you want to apply to the source in the drop-down list of the **Selection** section.
3. When necessary select the Sector by first pressing the **Add** button of the Sector section. This action opens a box containing the list of the sectors used by the news provider. By pressing the arrow buttons move the items from the left to the right columns. If the item needed is not present in the list but you know the provider code, you can directly type this code in the **Code** edit box and press the **Code:** button. The code is displayed at the bottom left of the window.
4. You can also select the Geographical Zone by first pressing the **Add** button of the **Geo. Zone** section. This action opens a box containing the list of the geographical zones or countries used by the news provider. By pressing the arrow buttons move the items from the left to the right columns. If you know the provider code, you can type it directly in the **Code** edit box and press the **Code:** button. The code is then displayed at the bottom left of the window.
5. The instrument code can also be selected by first pressing the **Add** button of the **Code Instr** section. This action opens the dictionary containing the list of the instruments available on the front end and that you can select. You can also load an `.stk` file containing all the instruments codes you are interested in by pressing the **STK** button.
6. The Subjects are available by pressing the **Add** button of the **Subjects** section. This opens a box containing the list of the subjects used by the news provider. By pressing the arrow buttons move the items from the left to the right columns. If the item needed is not present in

the list, type in the code in the **Code** edit box and press the **Code:** button . The code is displayed at the bottom left of the window.

Once the sub-filter is created you can add the filter by pressing the Add button. This will update the list of sub-filter(s) of the filter.
The steps 1 to 6 can be done again to create and add more sub-filters.

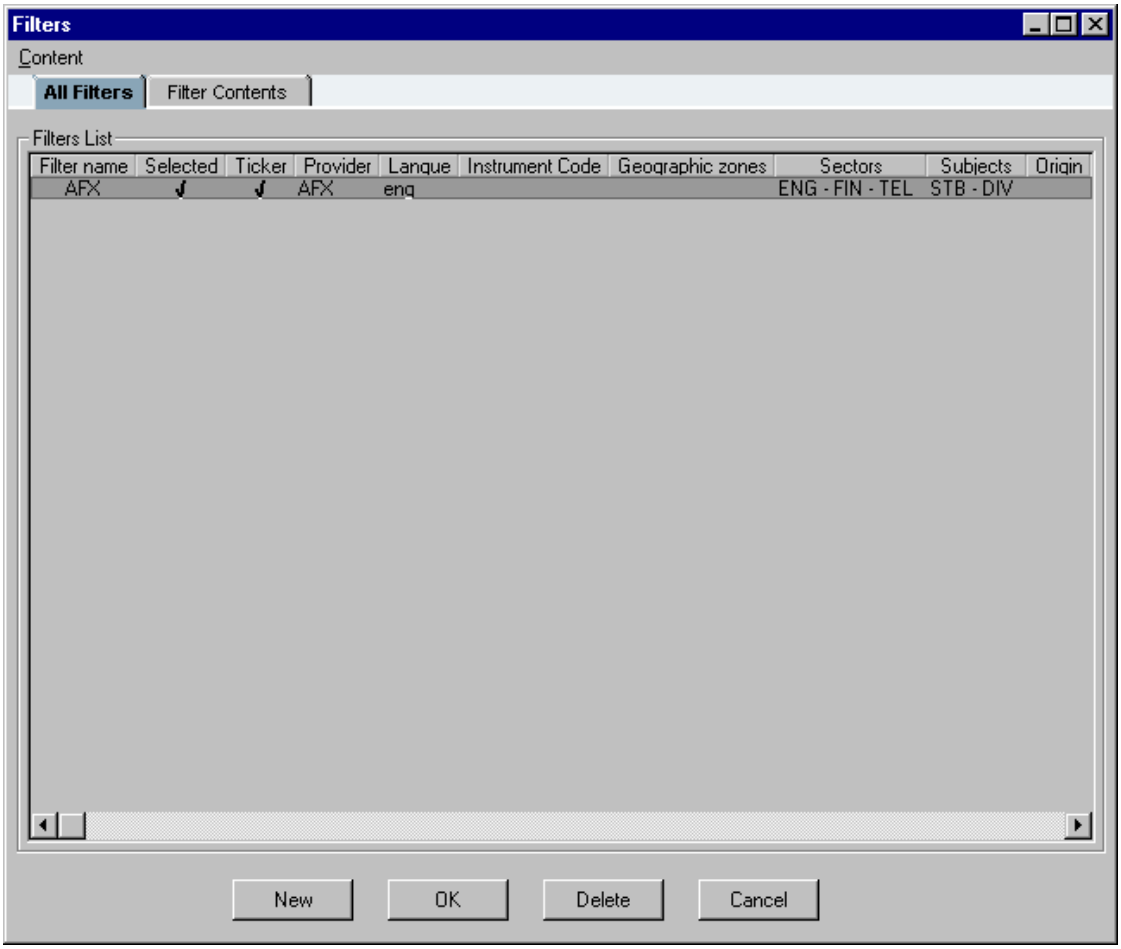
When creating a filter you can reset your entire selection by pressing the Reset button.
You can update the item of a particular sub-filter by:

- selecting it in the sub-filter list
- modifying the items of the sub-filter, or
- pressing the Update button

A sub-filter can be deleted by pressing the Delete button
Once the filter is created, it can be applied (**Apply** button) to the headline window which will be updated automatically with new tabs. Each tab will only contain the news headlines matching the selected filtering criteria.

The All Filters Section

The **All Filters** tab displays all filters created.
To edit an existing filter, double-click on it in the **Filter name** column. The Filter Contents window opens.



The list of filters displays the following information in the column titles:

Column Title	Description
Filter name	Name of filter defined in the **Filter Contents** window.
Selected	If ticked, the filter appears as a tab in the main NewsWatch window.
Ticker	Launches a Ticker window for the selected items.
Provider	News provider selected in the **Filter Contents** window.
Language	Language selected in the **Filter Contents** window.
Instrument code	Code(s) of specific instrument(s) selected in the **Filter Contents** window.
Geographic zones	Geographic zone(s) selected in the **Filter Contents** window.
Sectors	Sector(s) selected in the **Filter Contents** window. For example, *Computer Peripherals*.
Subjects	Subject(s) selected in the **Filter Contents** window. For example, *Interest Rates*.
Origin	News Origin(s) selected in the **Filter Contents** window.

Specific Buttons and Options

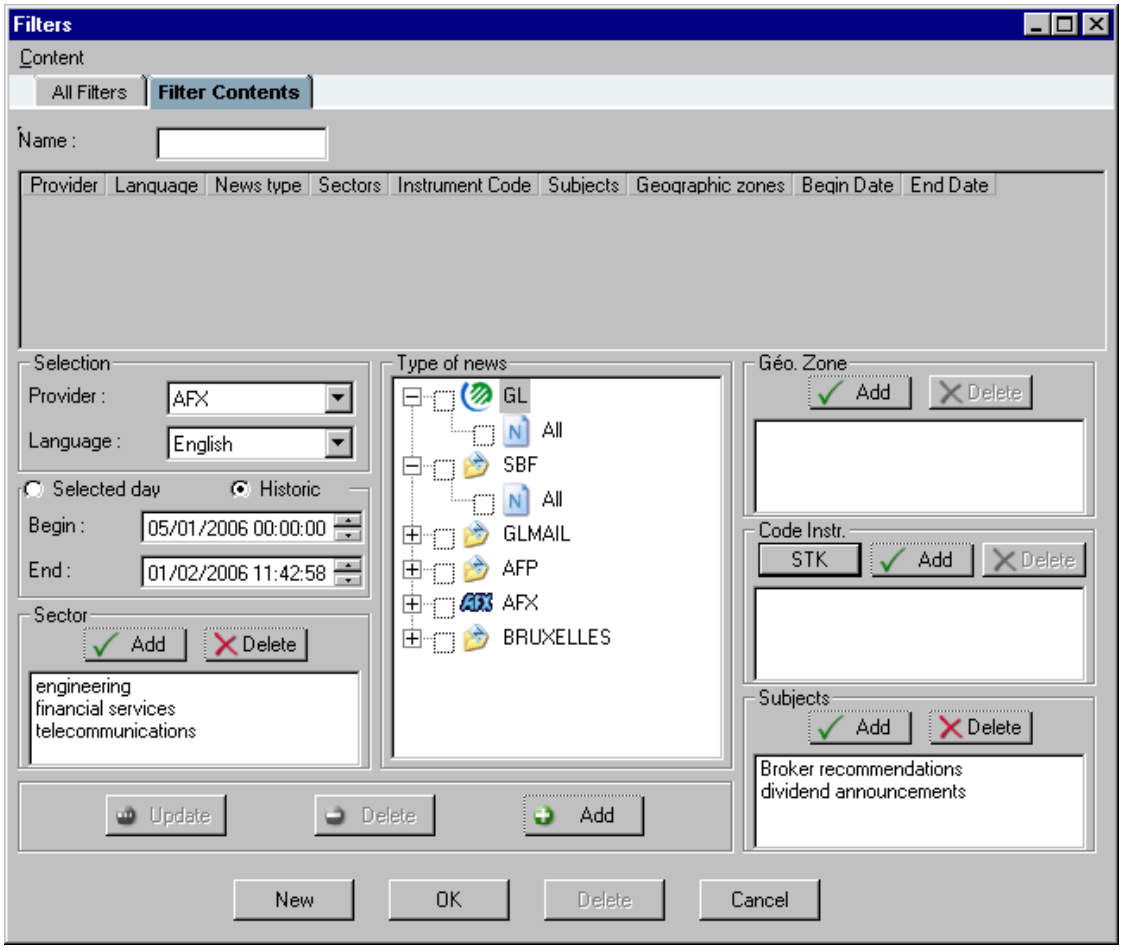
New
Opens empty **Filter Contents** window where you can define a new filter.

Delete
Deletes selected filter.

The Filter Contents Section

Enables you to create or modify filters, and the sub-filters contained within a filter (displayed in the sub-filter list).

*Note: For new filters, a provider must be chosen from the **Selection -> Provider** field before the other options become available.*



Specific Buttons and Options

Name
Enter name of new filter/sub-filter.

Type of news
Tree view displays available news types.

Selection Section

Provider
Select the news provider for the filter/sub-filter. The tree view list is restricted to the provider type sources (according to your subscription).

Language
Select the language for the filtered news items.

Geo. Zone Section

Add
Select a zone from the **Geo. Zone** window.
Click the **=>** button to select it. To deselect any chosen zone, select it and click the **<=** button.
When finished, click **OK**, or click on the **Cancel** button to cancel changes.
If you know the provider code of the item you are looking for, type it in the **Code** box and click on the **Code** button. The code is displayed at the bottom of the left-side window.

Delete
Delete any previously-selected zones by highlighting it in the box and clicking on **Delete**.

Historic Section

This section enables you to set up a detailed historical search either when creating a new sub-filter, or when updating an existing sub-filter. You can also choose to display just a **Selected day**.
Set the **Begin** and **End** time and click the **Add** button for a new sub-filter search, or the **Update** button to modify and existing sub-filter.
Finally press **Apply** and the filter tab will be updated accordingly.

Begin:
Sets a start time for a detailed search over a fixed period.

End:
Sets an end time for a detailed search over a fixed period.

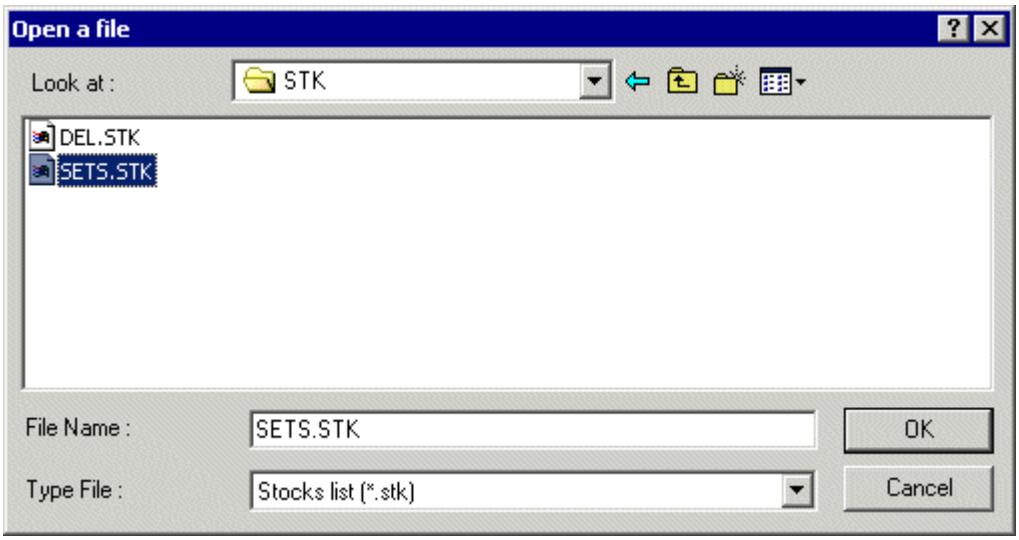
Sector Section

Add
Select a sector from the **Sector** window.
Click the **=>** button to select it.
To deselect any chosen sector, select it and click the **<=** button.
When finished, click **OK**, or click on the **Cancel** button to cancel changes.
If you know the provider code of the item you are looking for, type it in the **Code** box and click on the **Code** button.
The code is displayed at the bottom of the left-side window.

Delete
Delete any previously-selected zones by highlighting it in the box and clicking on **Delete**.

Code Instr. Section

STK
Opens the files previously saved on the workstation through the ***Save*** function.



Select the .stk file you want to open and display. Then, click on **OK** to validate or on **Cancel** to exit.

An .stk file corresponds to an instrument list you have previously defined and saved.

Add
Select a list of instruments from the Dictionary. When finished, click **OK**, or click on the **Cancel** button to cancel changes.

Delete
Delete any previously-selected zones by highlighting it in the box and clicking on **Delete**.

Subjects Section

Add
Select a subject from the **Subjects** window.
Click the **=>** button to select it.
To deselect any chosen subject, select it and click the **<=** button.
When finished, click **OK**, or click on the **Cancel** button to cancel changes.
If you know the provider code of the item you are looking for, type it in the **Code** box and click on the **Code** button.
The code is displayed at the bottom of the left-side window.

Delete
Delete any previously-selected sub-filter by highlighting it in the box and clicking on **Delete**.

Buttons

The below buttons apply to the creation, editing and deletion of sub-filters.

Reset
Cancels settings of current filter/sub-filter.

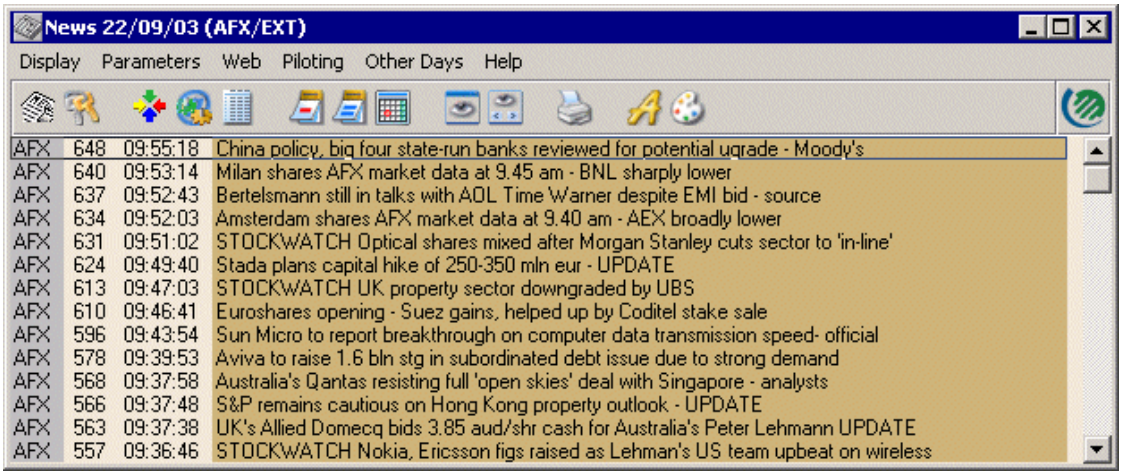
Update
Clears all fields of data for you to update the filter/sub-filter.

Delete
Deletes highlighted filter/sub-filter.

Add
Adds new sub-filter to list in the **All sub-filters** window.

The News window

You can access this window by using the ***News*** function after clicking on the Market Data icon.


News 22/09/03 (AFX/EXT)
Display Parameters Web Piloting Other Days Help
AFX 648 09:55:18 China policy, big four state-run banks reviewed for potential upgrade - Moody's
AFX 640 09:53:14 Milan shares AFX market data at 9.45 am - BNL sharply lower
AFX 637 09:52:43 Bertelsmann still in talks with AOL Time Warner despite EMI bid - source
AFX 634 09:52:03 Amsterdam shares AFX market data at 9.40 am - AEX broadly lower
AFX 631 09:51:02 STOCKWATCH Optical shares mixed after Morgan Stanley cuts sector to 'in-line'
AFX 624 09:49:40 Stada plans capital hike of 250-350 mln eur - UPDATE
AFX 613 09:47:03 STOCKWATCH UK property sector downgraded by UBS
AFX 610 09:46:41 Euroshares opening - Suez gains, helped up by Coditel stake sale
AFX 596 09:43:54 Sun Micro to report breakthrough on computer data transmission speed- official
AFX 578 09:39:53 Aviva to raise 1.6 bln stg in subordinated debt issue due to strong demand
AFX 568 09:37:58 Australia's Qantas resisting full 'open skies' deal with Singapore - analysts
AFX 566 09:37:48 S&P remains cautious on Hong Kong property outlook - UPDATE
AFX 563 09:37:38 UK's Allied Domecq bids 3.85 aud/shr cash for Australia's Peter Lehmann UPDATE
AFX 557 09:36:46 STOCKWATCH Nokia, Ericsson figs raised as Lehman's US team upbeat on wireless

The News window includes the following menus:

- Display
- Parameters
- Web
- Other Days

You can also access the menus by right-clicking anywhere in the window.

The Display Menu

The ***Display*** menu includes the following functions:

- New content
- Hour Sorting
- Keyword Alert
- Show/Hide title and menu
- Show/Hide Toolbar
- Show/Hide Scrollbar
- Fixed window
- Printer
- Font
- Colors
- Quit

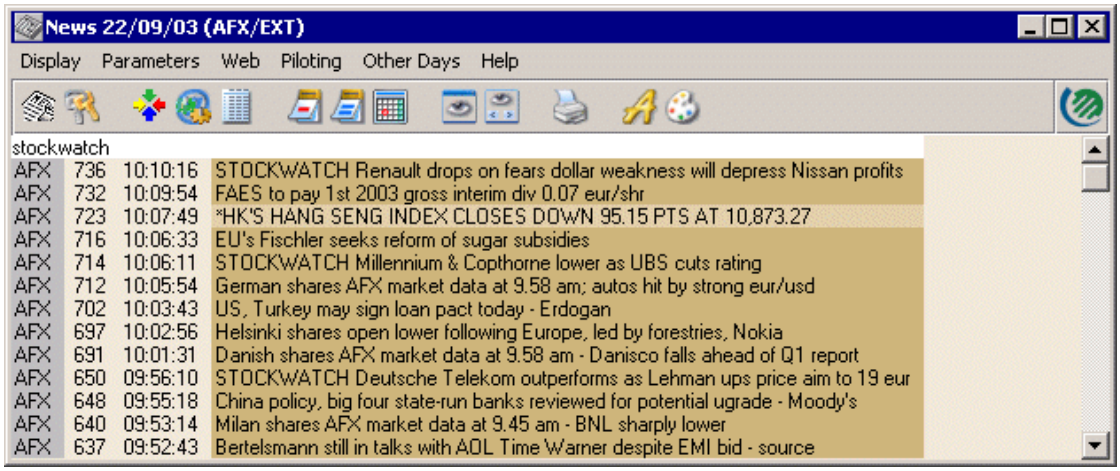
News content

(Enter)

It enables you to obtain more information on a selected news item.

To display a news item, select it from the displayed list. A new window displays the details of the selected news.
The **Esc** key closes the News item window.

In the News window, you can carry out a search by word or by subjects.


News 22/09/03 (AFX/EXT)
Display Parameters Web Piloting Other Days Help
stockwatch
AFX 736 10:10:16 STOCKWATCH Renault drops on fears dollar weakness will depress Nissan profits
AFX 732 10:09:54 FAES to pay 1st 2003 gross interim div 0.07 eur/shr
AFX 723 10:07:49 *HK'S HANG SENG INDEX CLOSES DOWN 95.15 PTS AT 10,873.27
AFX 716 10:06:33 EU's Fischler seeks reform of sugar subsidies
AFX 714 10:06:11 STOCKWATCH Millennium & Copthorne lower as UBS cuts rating
AFX 712 10:05:54 German shares AFX market data at 9.58 am; autos hit by strong eur/usd
AFX 702 10:03:43 US, Turkey may sign loan pact today - Erdogan
AFX 697 10:02:56 Helsinki shares open lower following Europe, led by forestries, Nokia
AFX 691 10:01:31 Danish shares AFX market data at 9.58 am - Danisco falls ahead of Q1 report
AFX 650 09:56:10 STOCKWATCH Deutsche Telekom outperforms as Lehman ups price aim to 19 eur
AFX 648 09:55:18 China policy, big four state-run banks reviewed for potential ugrade - Moody's
AFX 640 09:53:14 Milan shares AFX market data at 9.45 am - BNL sharply lower
AFX 637 09:52:43 Bertelsmann still in talks with AOL Time Warner despite EMI bid - source

A window then appears with the results of the search:

Key Word research{STOCKWATCH}
AFX 736 10:10:16 STOCKWATCH Renault drops on fears dollar weakness will depress Nissan profits
AFX 714 10:06:11 STOCKWATCH Millennium & Copthorne lower as UBS cuts rating
AFX 650 09:56:10 STOCKWATCH Deutsche Telekom outperforms as Lehman ups price aim to 19 eur
AFX 631 09:51:02 STOCKWATCH Optical shares mixed after Morgan Stanley cuts sector to 'in-line'
AFX 613 09:47:03 STOCKWATCH UK property sector downgraded by UBS
AFX 557 09:36:46 STOCKWATCH Nokia, Ericsson figs raised as Lehman's US team upbeat on wireless
AFX 514 09:25:51 STOCKWATCH Stada hit by capital hike plans; WestLB cuts price aim
AFX 498 09:23:31 STOCKWATCH German autos hit by eur/usd strength
AFX 437 09:14:10 STOCKWATCH Perlos higher after upgrade to 'buy' from 'hold' by Deutsche Bank
AFX 425 09:11:40 STOCKWATCH Heineken lower on Morgan Stanley downgrade
AFX 391 09:05:59 STOCKWATCH Compass, Air Liquide added to Lehman European portfolio
AFX 363 09:02:04 STOCKWATCH Teleca raised to Buy from Hold, worth 61-67 skr - Danske Equities
AFX 357 09:01:10 RPT STOCKWATCH GPC Biotech jumps prebourse after Satraplatin fast-track FDA
AFX 345 09:00:12 STOCKWATCH GPC Biotech jumps prebourse after Satraplatin fast-track FDA move
AFX 305 08:53:48 STOCKWATCH Bayer price target upped by Deutsche to 22 eur vs 20, still 'hold'
AFX 303 08:53:14 STOCKWATCH European retail sector downgraded by Goldman Sachs
AFX 257 08:46:01 STOCKWATCH OMHEX seen higher as Deutsche Bank ups to 'buy' vs 'sell'
AFX 237 08:43:35 STOCKWATCH HSBC seen higher as Goldman ups to 'outperform' in UK banks review
AFX 167 08:33:56 STOCKWATCH Burberry upgraded to 'buy' at Deutsche Bank

To close this window, press the **Esc** key.

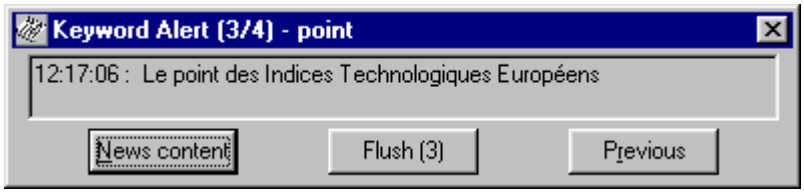
Hour sorting

This enables you to display the news by hour.

This is a toggle function which is either on or off.

Keyword Alert...

Displays the Keyword Alert window.



This window is defined via the ***Parameters -> Keyword Alert*** function.

The keyword(s) that triggered the alert and the message totals are displayed in the window title. In our example, the first number (3) indicates the number of messages which contain the keyword 'point' and the second number indicates the total number of messages (4).

- Use the **New content** button to display the whole content of the piece of news.
- Hit **Flush** to delete all alerts that involve the initial keyword.
- The **Previous** button enables you to move to the previous alerted news item.

Once a news item has been viewed, it is automatically flushed from the Keyword Alert pop-up window. The news item will remain in the main News window.
If the pop-up window is closed while still containing unviewed news items, those alerts are saved. You can view them by re-opening the Keyword Alert pop-up window or by clicking on the Keyword Alert icon in the button bar of the News window.

A news alert does not interrupt trading activities. In addition, the position of this window is memorized upon closure and it always opens in its previous location on the screen.

The Keyword Alert pop-up window is displayed on any activated virtual screen, so an alert will never be missed.

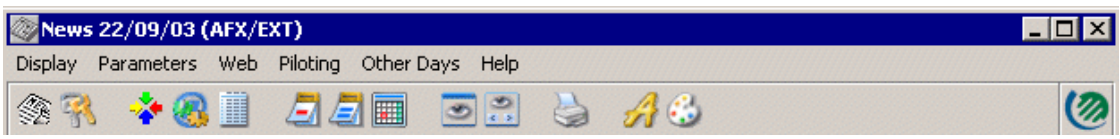
Show/Hide title and menu

Shows or hides titles and menus.

Show/Hide Toolbar

This function displays or hides the icon bar.
The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities you can also access through the window menus.

News icon bar:



The following function is only accessible via the button bar:

Calendar

Displays the calendar. For more information, see the ***Display -> Calendar*** function of the Historical window.

Show/Hide Scrollbar

Shows or hides the scrollbar.

Fixed window

Use this function to display the selected window on all virtual screens that are available. GL WIN enables you to display information on four different virtual screens.

A fixed window is always displayed and can be associated with other windows according to the virtual screen displayed.

Printer

To get detailed information, see the ***Print*** explanation associated with the ***Display*** menu of the Market Watch window.

Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
To get further information, see the ***Colors*** explanation associated with the ***Display*** menu of the Market Watch window.

Quit

(Alt F4)

Exits the News window.

The Parameters menu

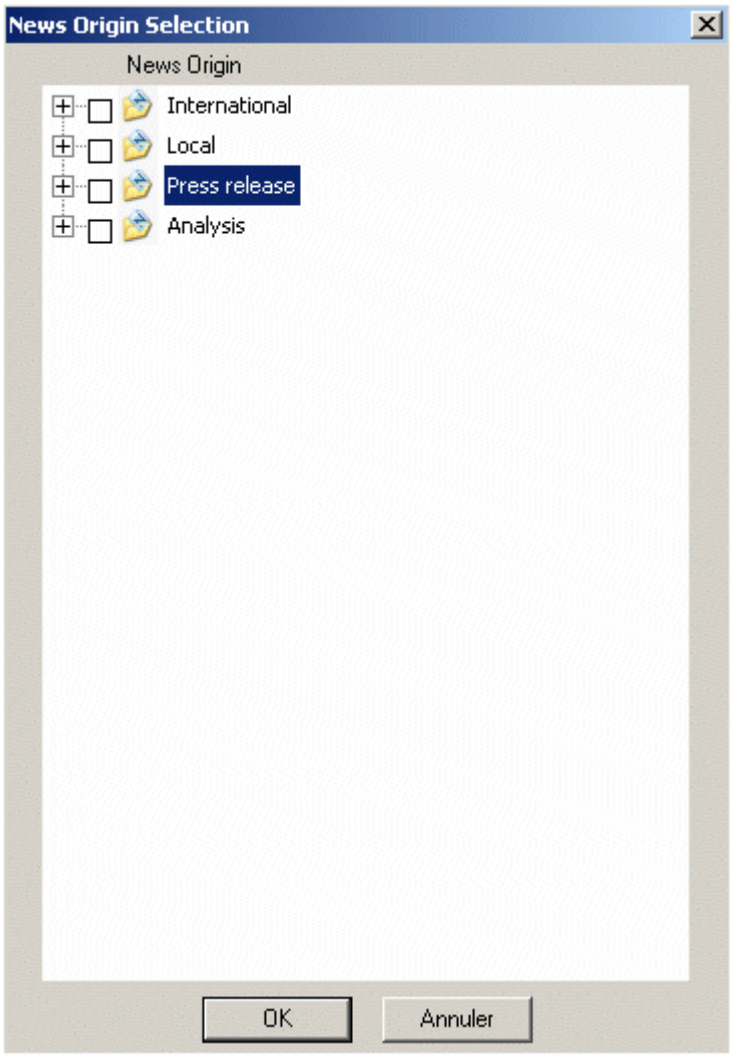
The ***Parameters*** menu enables you to perform the following functions:

- Origin

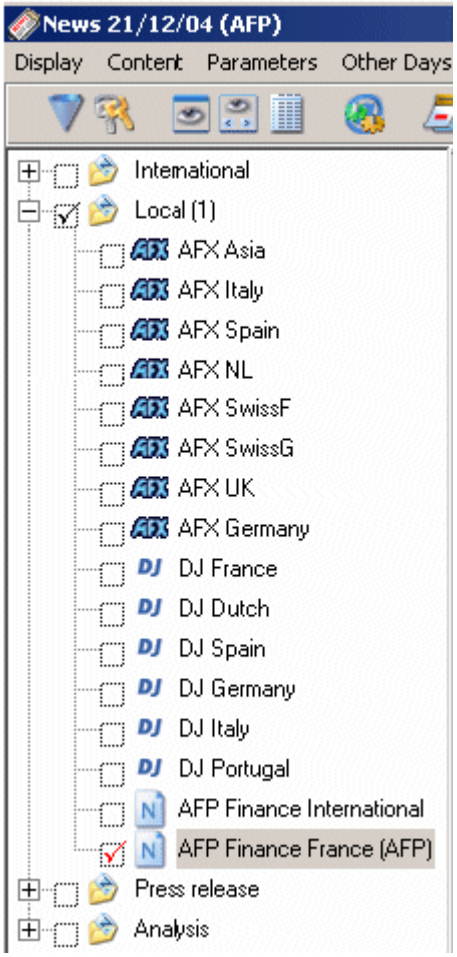
- Filter Topic Reuter
- Select data display
- Alert Signal
- Keyword Alert

Origin...

Enables you to select the origin of the displayed news.
Displays the News Origin Selection dialog box.



The four main categories can be expanded by clicking on the appropriate option.

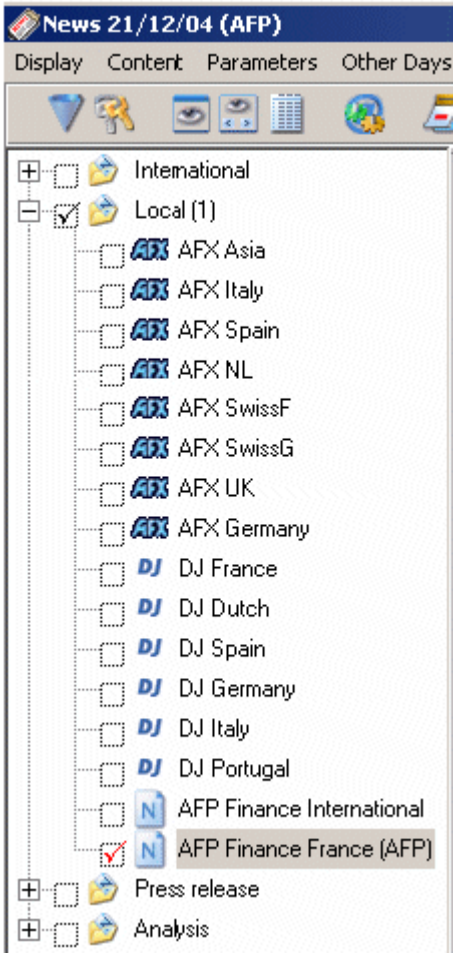


Select the sources to be displayed (according to the source parameters defined in the `glflux.ini` file).

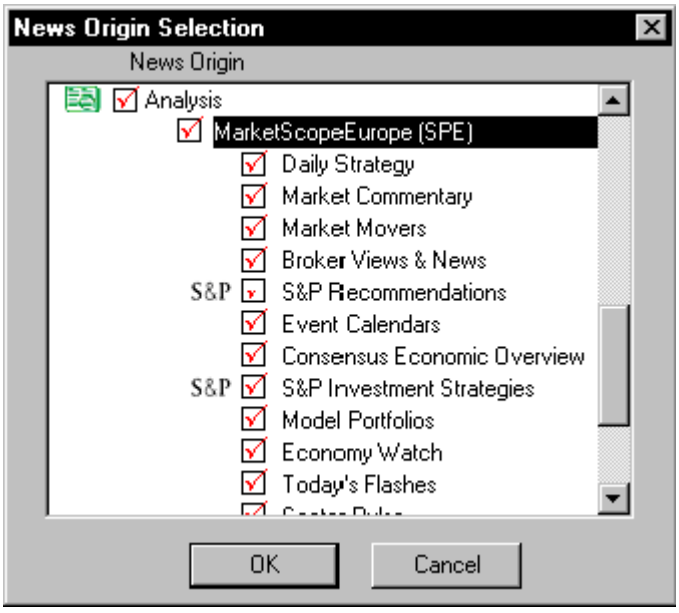
On a **subscription** basis, you can be connected to AFP Finance International, AFP Finance France, AFX, DOW JONES, Standard and Poor's MarketScope, Day By Day, CompanyNews Group Press Releases, and Trading Central:

Source	Description
AFP Finance	Real time newswire in French providing financial and economical information from France and foreign countries.
AFP Finance France	AFP Finance France diffuses over 120 to 150 news items each opening market day and over 50 news items on Sunday. AFP Finance France offers in real time and in French all the news of the quoted financial companies, the Paris Stock Exchange indices and the most important international indices. It also provides news concerning political, social and economic events that could have an impact on the Paris Stock Exchange. AFP Finance France offers an complete information about Paris Stock Exchange with a real time follow up with at least three reports each day (opening, mid-session and closing) and flash reports concerning the main changes of the general tendency.

Source	Description
	Besides, AFP Finance France broadcasts a “stock watch” on the most important values of the Paris Stock Exchange, the main changes in company notations and a daily telegram on the bonds market. AFP Finance France regularly covers about 300 French companies (announcement and forecast of results, company life follow up, most important enhancement …) AFP Finance France offers a daily diary of corporate and macroeconomic events in France.
AFX	In addition to a global European wire in English, this source also contains eight local financial wires in local languages for **Germany** (in partnership with DPA), the **United Kingdom** (ex-EXTEL newsfeed), **Spain**, **the Netherlands**, **Italy** (in partnership with Class Editori), **Switzerland** (in partnership with SDA/ATS, **France** and **Asia.**
DOW JONES	In addition to the DJ Financial wire in English, the offer contains six local feeds in **French** (DJ Bourse), **German** (VWD), **Dutch** (DJ Nieuwsdiesnst), **Spanish** (DJ en Español), **Portuguese** and **Italian**.
Press Releases	CompanyNews Group manages the real-time distribution of press releases and financial statements from nearly 3000 companies to financial analysts, asset managers, journalists and the public. PR Newswire provides comprehensive news targeting, distribution, and measurement services on behalf of some 40, 000 organisations worldwide who seek to reach the news media, the investment community and the general public with their up-to-the-minute, full-text news developments.
Analysis	Standard & Poor's MarketScope is a real-time Equity market information service. The three major MarketScope feeds are Marketscope US, Europe and Asia. Day By Day technical analysis feed is available in two languages, **English** and **French**, for the European, US and French markets. Trading Central technical analysis is available in four languages: **English**, **French**, **German** and **Italian**, for the European, US and Asian markets.
Reuters News	Reuters real-time news on Equities, Fixed income, FX and money markets, Commodities and Energy, etc.



Example with newswires without sub-contents.



Example with newswires and related sub-contents.

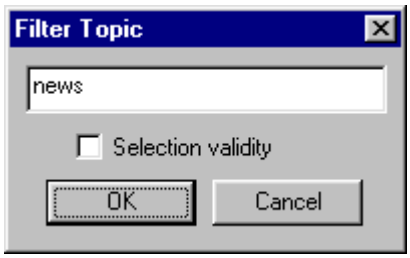
Important: GL TRADE is a technical provider for AFP, AFX, DOW JONES, Standard and Poor's MarketScope, Day By Day and Trading Central Technical Analysis feeds, PR Newswire and CompanyNews Group Press Releases, and Reuters News. You must sign a direct contract with these providers to have access to these services. For more information please contact your local GL TRADE representative.

You can choose several news sources.
Click on **OK** to validate or on **Cancel** to exit the ***Origin…*** function and return to the initial configuration.

The screen then displays the selected news sources.

Filter Topic Reuter...

This function is activated when you have ticked one of the Reuters options in the ***News Origin Selection*** window, in the ***Parameters*** menu. It enables you to have a more refined selection about Reuters. Sort the information by keyword (main Reuters Topic Filters, country code, news on stocks in one place) :



You can select specific subjects by using the below list of Reuters topic filters.
Tick the **Selection validity** option and specify the filter.

*Example: If you want to view only the political news, type POL and activate **Selection validity**. Only the political news is displayed. You can select several subjects at the same time, or make a more refined selection by using the "&" and "/" symbols. Example:* Politics in France: type POL&FR; Politics and news regarding France: type POL/FR

Here are the main Reuters Topic Filters :

SUBJECT	CODE	SUBJECT	CODE
General News	[NEWS]	Politics	[POL]
Sports News	[SPO]	Human Interest	[ODD]
Diplomacy	[DIP]	Natural/Manmade Disasters	[DIS]
Education	[EDU]	Elections	[VOTE]
Environment	[ENV]	Health/Medical	[HEA]
Jobs, Labor Issues	[JOB]	Economic Indicators	[ECI]
Eastern Europe	[EEU]	Nordic	[NORD]
Emerging Markets	[EMRG]	G7	[G7]
Interest Rates	[INT]	Latin America	[LATAM]

Country code :

Country	Code	Country	Code
Australia	[AU]	Japan	[JP]
Austria	[AT]	Luxembourg	[LU]
Belgium	[BE]	Netherlands	[NL]
Canada	[CA]	New Zealand	[NZ]
Denmark	[DK]	Norway	[NO]
Finland	[FI]	Portugal	[PT]
France	[FR]	Spain	[ES]
Germany	[DE]	Sweden	[SE]
Greece	[GR]	Switzerland	[CH]
Iceland	[IS]	Turkey	[TR]
Ireland	[IE]	United Kingdom	[GB]
Italy	[IT]	United States	[US]

News on stocks in one place :

Source	Code	Source	Code
New York	[.N]	Wall St Daily Outlook	[.N/O]
Amex	[.A]	All Reuters Int'l Equities News	[E]
NASDAQ	[.O]	Most Active Shares	[HOT]
London	[.L]	Company Results	[RES]
London Weekly Outlook	[.L/O]	Company Results Forecasts	[RESF]
US Stocks in London	[.L/US]	Equities Diary	[E/DIARY]
Frankfurt	[.F]	Emerging Market Summaries	[EM]
Tokyo	[.T]	G7 Economic Forecasts	[SURVEY/]

The complete list of topic codes is also accessible on the Reuters pages, type TOPIC/NEWS1

To get news on specific stocks you can also directly type the stock Reuters code.

Example: To get news on IBM, Reuters code IBM.N, simply type IBM.N then press F9 (ITS only).

Select data display...

Use the Data Display Selection dialog box to select the data to be displayed in the first columns of the News window.

Check the data you want to display.
Click on **OK** to validate or on **Cancel** to exit the ***Select data display...*** function and return to the initial configuration.

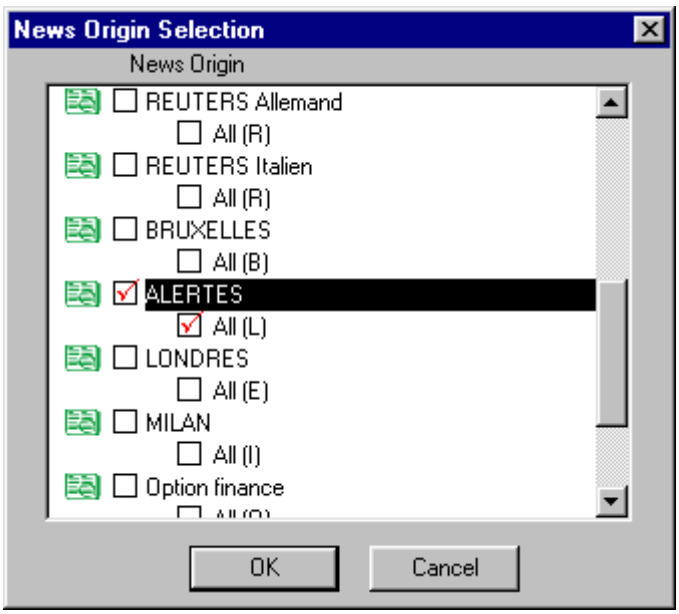
Alert Signal

Use this menu to see alerts set up in the Alerts window. It enables you to supervise a value.
You can be informed :

- by an alert beep : to insert an alert beep, you have to check in the ***Parameters*** menu, the function ***Alert Signal***.
- by a visual alert : to insert a visual alert, you have to go to the ***Parameters*** menu and select the function ***Origins.*** The alerts set up in the Alerts window appear as messages in the News window.

Note: Both the Alerts and the News windows must be displayed because they are linked.

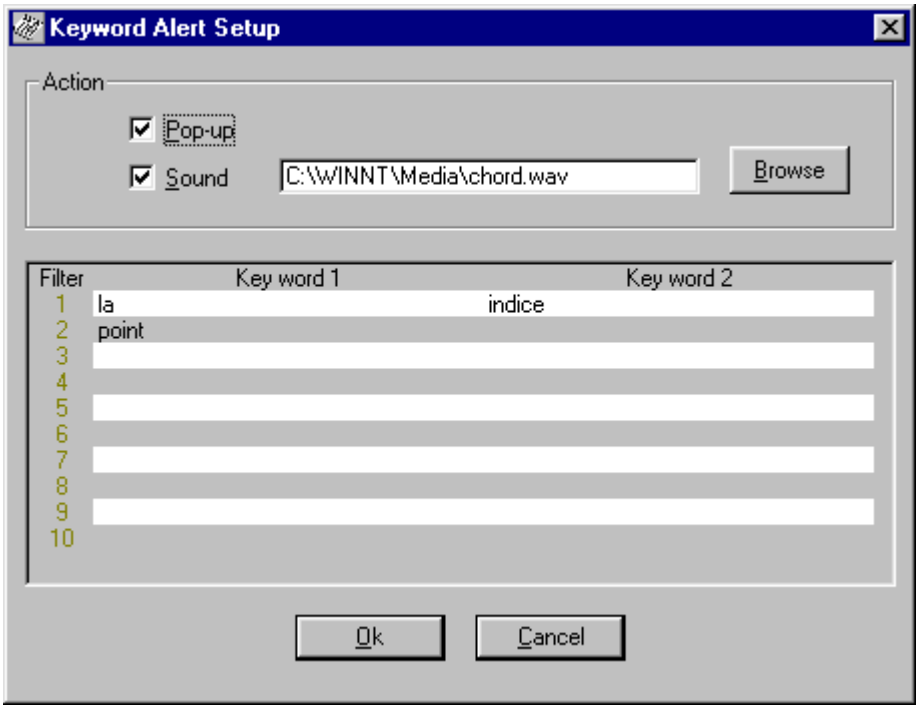
The News Origin Selection dialog box is displayed :



Check **ALERTS**.
Click on **OK** to validate or on **Cancel** to exit the ***News Origin Selection*** function and return to the initial configuration.

Keyword Alert Setup

You can choose to be alerted by either a sound (**.wav** file) or by the display of the title of the news item in a popup window. Both options may be selected.



Action

Sound
If you have selected this option, you can set up any sound available in the **.wav** format. If no sound is defined or no file is selected (through the **Browse** button), a Windows beep is used by default.

In the lower section of the window, you can set up a maximum of 10 filters. Each filter can include two keywords of 30 characters each, spaces included.
Note that the search applies to the news titles only.

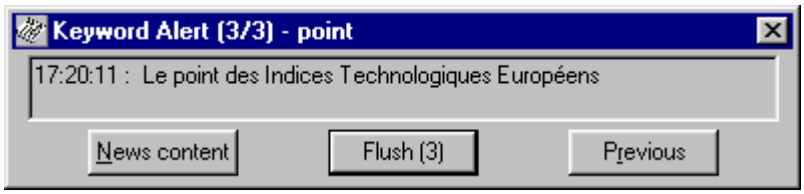
Pop-up
If you choose to be informed through a popup window, select the appropriate option, enter the keywords and press **Enter**.

Select **Ok** to validate the data or click on **Cancel** to return to the previous configuration.

Result

If you have selected the **Sound** option, each time the title of a piece of news contains the defined keywords, a sound is generated by the system.

If you have selected the **Popup** option, when the title of a piece of news contains the defined keywords, the following popup window is displayed:



See the ***Display -> Keyword Alert*** section for a complete description of this window.

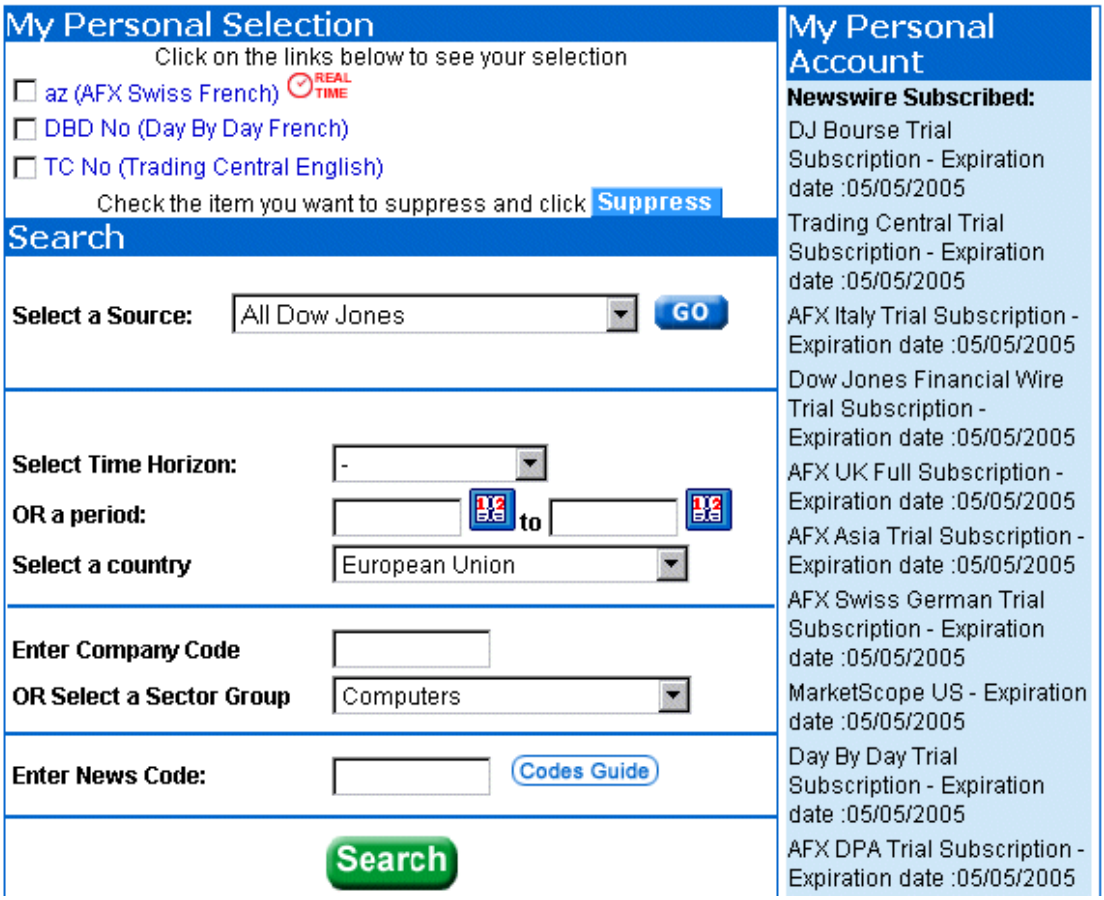
Search Engine

Enables you to access the **GLTRADE.net** search engine.
In order to be logged on automatically with your Username and Password, follow the instructions outlined in the section ***Automatic Logon to GLTRADE.net***.
Use this functionality to save personal searches, sort news in real time and specify criteria like sectors, countries, headlines....
You can access the ***News Search Engine*** function by selecting:

- the ***Financial news -> News Search Engine*** function in the Home section
- the ***News Search Engine*** function in the upper left News box
- the ***Financial News -> News Search Engine*** function in the News Center section or by double-clicking the following icon in the right lower corner of the page:

The following screen is displayed:

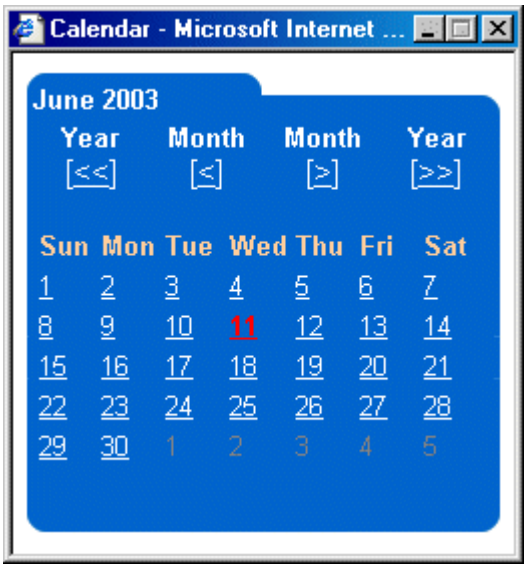
Search Engine


My Personal Selection
Click on the links below to see your selection
az (AFX Swiss French) REAL TIME
DBD No (Day By Day French)
TC No (Trading Central English)
Check the item you want to suppress and click Suppress
Search
Select a Source:
All Dow Jones
GO
Select Time Horizon:
-
OR a period:
to
Select a country
European Union
Enter Company Code
OR Select a Sector Group
Computers
Enter News Code:
Codes Guide
Search
My Personal Account
Newswire Subscribed:
DJ Bourse Trial Subscription - Expiration date :05/05/2005
Trading Central Trial Subscription - Expiration date :05/05/2005
AFX Italy Trial Subscription - Expiration date :05/05/2005
Dow Jones Financial Wire Trial Subscription - Expiration date :05/05/2005
AFX UK Full Subscription - Expiration date :05/05/2005
AFX Asia Trial Subscription - Expiration date :05/05/2005
AFX Swiss German Trial Subscription - Expiration date :05/05/2005
MarketScope US - Expiration date :05/05/2005
Day By Day Trial Subscription - Expiration date :05/05/2005
AFX DPA Trial Subscription - Expiration date :05/05/2005

In the Search section of the window, select the flow from the **Select a News Source** drop-down list and click **GO**.
Then select a **Time Horizon** from the drop-down list (Today, Yesterday, Last week, Last month and Last six months).
The criteria Sector Group and Country are different according to the data feed selected.

*Note: If you choose **Today**, it corresponds to a realtime display. The other options are based on the archives.*

Otherwise, use the icon to display the calendar and select dates.



Then, select a Country and enter your **Company Code** (this field is not mandatory) or select a **Sector Group** (for instance *Communications Technology*).
Finally, select the type of news to be displayed in the **Enter News Code** field. You can also select a code from the Codes Guide button which displays a choice of available news codes.
Click the **Search** button to validate.

Note: The Codes Guide button is only available when you have selected a Dow Jones-related feed.

The results appear in the following window:

News Search Engine Results
Search Criteria Selected:
Region European Union
GICS Industry Group Computers
News source All Dow Jones
Name of your Selection:
Dow Jones EU
Save your selection
Return to Search
Source Date Time* Title
DJF 06/11/03 13:03 PRESS RELEASE: J.D. Edwards In Sales/Delivery Alliance
DJF 06/11/03 13:02 *DJ J.D. Edwards In Sales/Delivery Alliance>JDEC
DJF 06/11/03 12:46 =DJ BEFORE THE BELL:Texas Instruments Shrs Slide After Warning
DJF 06/11/03 12:15 DJ Finland's M-real Finalizes IT Services Deal With IBM
DJF 06/11/03 07:54 DJ CORRECT: Radstone Tech FY Pretax Pft GBP6.1M, Not GBP3.1M
DJF 06/11/03 07:02 DJ Radstone Technology/FY -3: Profit And Loss Account >U.RST
DJF 06/11/03 07:01 DJ Radstone Technology/FY -2: Says Generated GBP12.676M Cash
DJF 06/11/03 06:28 DJ Radstone Technology FY Pretax Profit GBP3.1M Vs GBP4.6M
DJF 06/10/03 16:31 DJ Hot Stocks: EXLT IFX JNY AZ MVL NWRE
DJF 06/10/03 15:16 =DJ Sun Micro Sales Chief: Signs Of Activity In Telecommun
DJF 06/10/03 11:50 PRESS RELEASE:Business Objects Supports IBM DB2 Cube Views
DJF 06/10/03 10:55 DJ HSBC Asset Launches HK Guaranteed Fund With Min 5% Return
DJF 06/10/03 07:46 DJ Next Fifteen Comm: IBM To Renew Contract Agreement
DJF 06/10/03 06:55 DJ IBM And TRIA Launch IT Training Partnership >G.TSX
DJF 06/10/03 05:09 DJ IBM/Infineon MRAM -2: New Chip 'Smallest Yet' > IBM IFX
DJF 06/10/03 04:00 PRESS RELEASE: IBM, Infineon Develop New MRAM Technology
DJF 06/10/03 04:00 *DJ IBM, Infineon Develop New MRAM Technology >IBM IFX

To save this selection, enter the name in the **Name of your Selection** field, then click the **Save your selection** button. A message informs you that your personal selection has been saved successfully.

Click the **Return to search** button to go back to the previous screen.

Then click the link to see your selection in **My Personal News Selection** section. To delete the link, select it and use the **Suppress** button.

The News Menu

The Newswire section of the **GLTRADE.net** News Center enables you to retrieve international News feeds from the following sources:

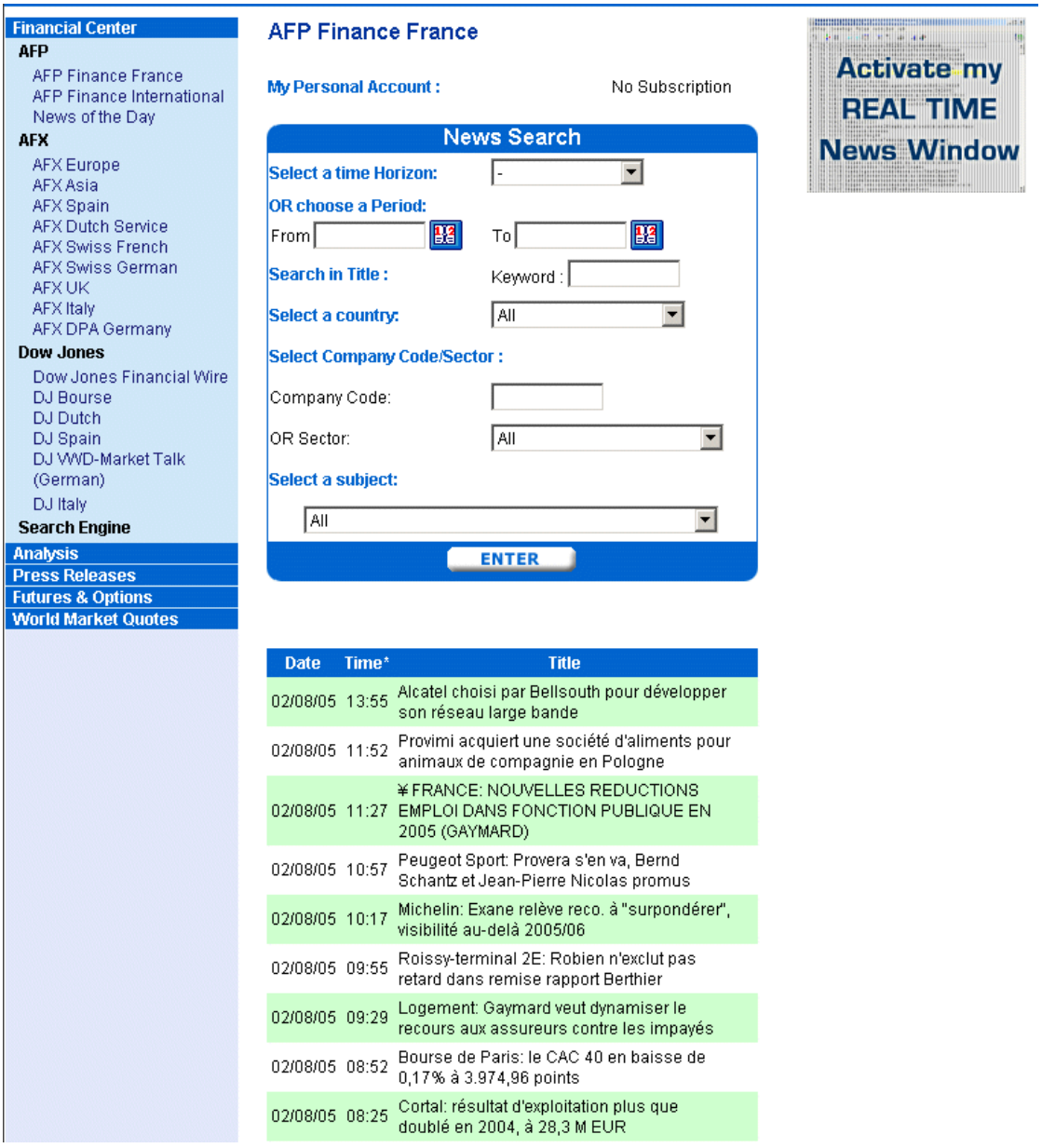
- AFP Finance (International and France)
- AFX Newswire
- Dow Jones Newswire

News
AFP
AFX
AFX Europe
AFX Asia
AFX Spain
AFX Dutch Service
AFX Swiss French
AFX Swiss German
AFX UK
AFX Italy
AFX DPA Germany
Dow Jones
Dow Jones Financial Wire
DJ Bourse
DJ Dutch
DJ Spain
DJ WD-Market Talk (German)
Search Engine
Analysis
Press Releases
Futures & Options
World Market Quotes
AFP News
Le sommet de Salonique s'achève par une réunion UE-Balkans
06/21/2003 05:27
Le sommet européen de Salonique (Grèce), s'achève samedi par une réunion entre les dirigeants de l'Union européenne (UE) et de cinq pays anciennement communistes des Balkans, qui aspirent à entrer à terme dans l'UE.L'événementRead more
Powell exhorte Abbas à ne pas attendre un cessez-le-feu des groupes armés
06/20/2003 21:11
Le secrétaire d'Etat américain Colin Powell a exhorté vendredi le Premier ministre palestinien Mahmoud Abbas à ne pas attendre que les groupes armés palestiniens se décident à décréter un cessez-le-feu et à commencer à appliquer immédiatement la "feuille de route".Read more
Raffarin et Sarkozy en Corse pour doper le "oui" avant le "référendum"
06/21/2003 06:56
Jean-Pierre Raffarin et Nicolas Sarkozy se rendent samedi à la rencontre des électeurs de Corse pour les convaincre de voter "oui" au "référendum" du 6 juillet, dont l'issue apparaît incertaine en raison d'une progression du "non" dans les sondages.Read more
Affaire Alègre: Messaoudene écroué, vers un "recadrage" des accusations
06/20/2003 16:51
Lakhdar Messaoudene, le complice présumé de Patrice Alègre dans le meurtre d'une prostituée, a été mis en examen vendredi pour complicité d'assassinat et écroué, tandis que les enquêteurs et la justice vont entamer un travail de "recadrage" pour faire le tri dans les accusations de "Patricia" et "Fanny".Read more

By clicking on an item in the **News** section on the left of the page, the specific news feeds for the chosen geographical area appear.

AFP Finance (International and France)

AFP Finance International is a real time newswire in French providing financial and economical information from France and foreign countries.
AFP Finance France, available exclusively for GL TRADE customers, is focused on French companies, and gives access to a selection of news covering world markets and major listed companies.
AFP offers AFP Finance France in XML file format on FTP server in French.
For instance, you access the AFP Finance France wire by selecting the ***AFP -> AFP Finance France*** function in the upper left News box. The following page is displayed:


Financial Center
AFP
AFP Finance France
AFP Finance International
News of the Day
AFX
AFX Europe
AFX Asia
AFX Spain
AFX Dutch Service
AFX Swiss French
AFX Swiss German
AFX UK
AFX Italy
AFX DPA Germany
Dow Jones
Dow Jones Financial Wire
DJ Bourse
DJ Dutch
DJ Spain
DJ WD-Market Talk (German)
DJ Italy
Search Engine
Analysis
Press Releases
Futures & Options
World Market Quotes
AFP Finance France
My Personal Account :
No Subscription
Activate my REAL TIME News Window
News Search
Select a time Horizon:
OR choose a Period:
From
To
Search in Title :
Keyword :
Select a country:
All
Select Company Code/Sector :
Company Code:
OR Sector:
All
Select a subject:
All
ENTER
Date Time* Title
02/08/05 13:55 Alcatel choisi par Bellsouth pour développer son réseau large bande
02/08/05 11:52 Provimi acquiert une société d'aliments pour animaux de compagnie en Pologne
02/08/05 11:27 ¥ FRANCE: NOUVELLES REDUCTIONS EMPLOI DANS FONCTION PUBLIQUE EN 2005 (GAYMARD)
02/08/05 10:57 Peugeot Sport: Provera s'en va, Bernd Schantz et Jean-Pierre Nicolas promus
02/08/05 10:17 Michelin: Exane relève reco. à "surpondérer", visibilité au-delà 2005/06
02/08/05 09:55 Roissy-terminal 2E: Robien n'exclut pas retard dans remise rapport Berthier
02/08/05 09:29 Logement: Gaymard veut dynamiser le recours aux assureurs contre les impayés
02/08/05 08:52 Bourse de Paris: le CAC 40 en baisse de 0,17% à 3.974,96 points
02/08/05 08:25 Cortal: résultat d'exploitation plus que doublé en 2004, à 28,3 M EUR

The options enable you to search by time period, keyword, country, company code, sector or subject. For example, a search for yesterday's news items from AFP France yoelds in the category **Contrats, commandes** yields the following:

News Search Engine Results
GL TRADE
Search Criteria Selected:
Name of your Selection:
Time Horizon Yesterday
News source AFP Finance France
Save your selection
Return to Search
Source Date Time* Title
AFP 02/08/05 13:55 Alcatel choisi par Bellsouth pour développer son réseau large bande
(*) Time is displayed in GMT
Previous news
Home News Center Support Products & Services Corporate

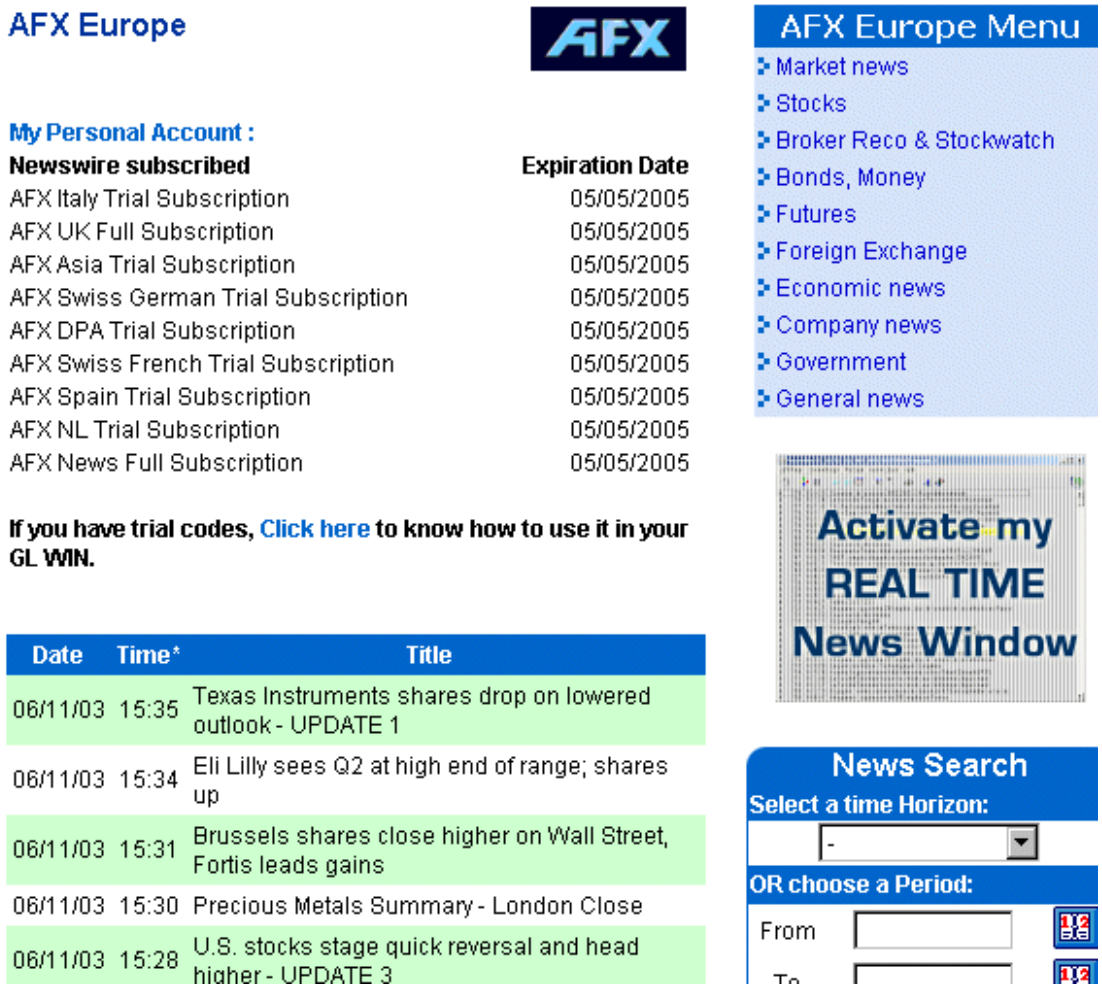
AFP Finance France diffuses over 120 to 150 news items each opening market day and over 50 news items on Sunday.
AFP Finance France offers in real time and in French all the news of the quoted financial companies, the Paris Stock Exchange indices and the most important international indices. It also provides news concerning political, social and economic events that could have an impact on the Paris Stock Exchange.
AFP Finance France offers complete information about Paris Stock Exchange with a real time follow-up with at least three reports each day (opening, mid-session and closing) and flash reports concerning the main changes of the general tendency.
Besides, AFP Finance France broadcasts a “stock watch” on the most important values of Paris Stock Exchange, the main changes in companies notations and a daily telegram on the bonds market.
AFP Finance France regularly covers about 300 French companies (announcement and forecast of results, company life follow up, most important enhancements …)
AFP Finance France offers a daily diary of corporate and macroeconomic events in France.

AFX Newswire

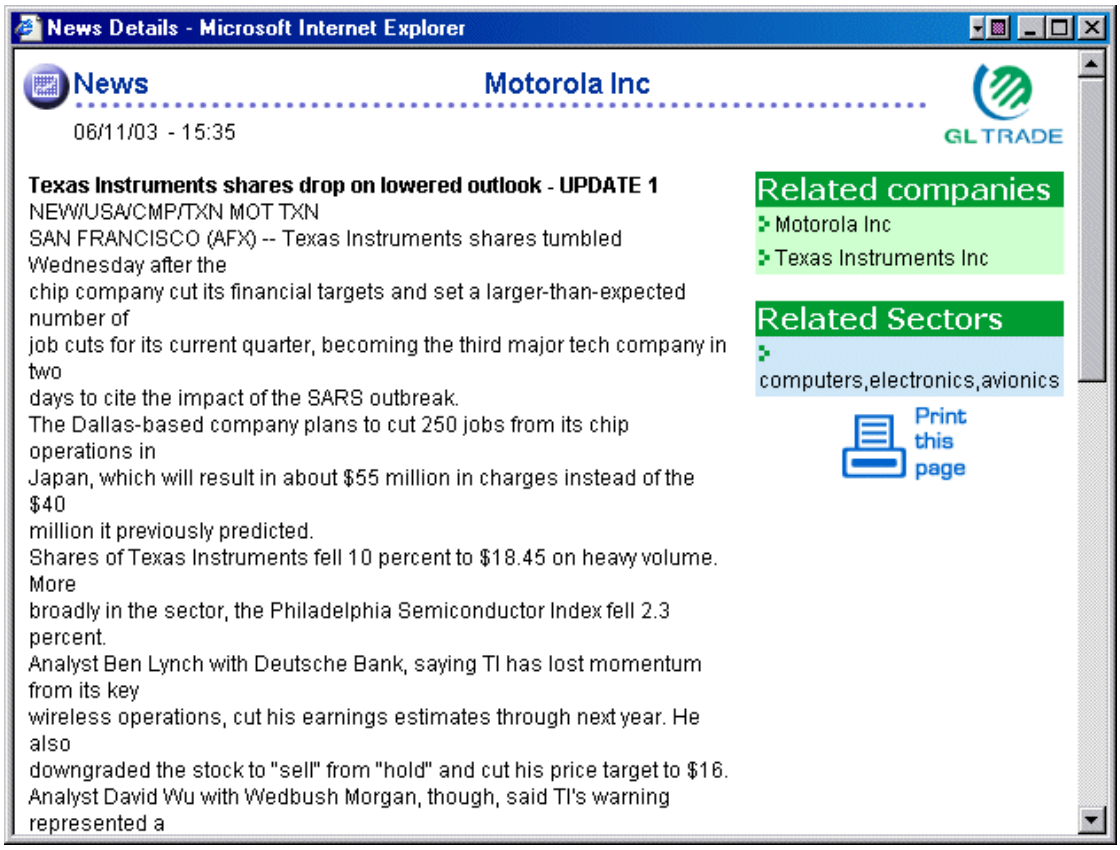
AFX Newswire provides global financial news for global markets.

By selecting AFX, you access the main page with general information and explanations on how to subscribe to the AFX Newswires.
In the upper green box, if you select a local news feed, a blue screen appears containing detailed information on the chosen newswire.

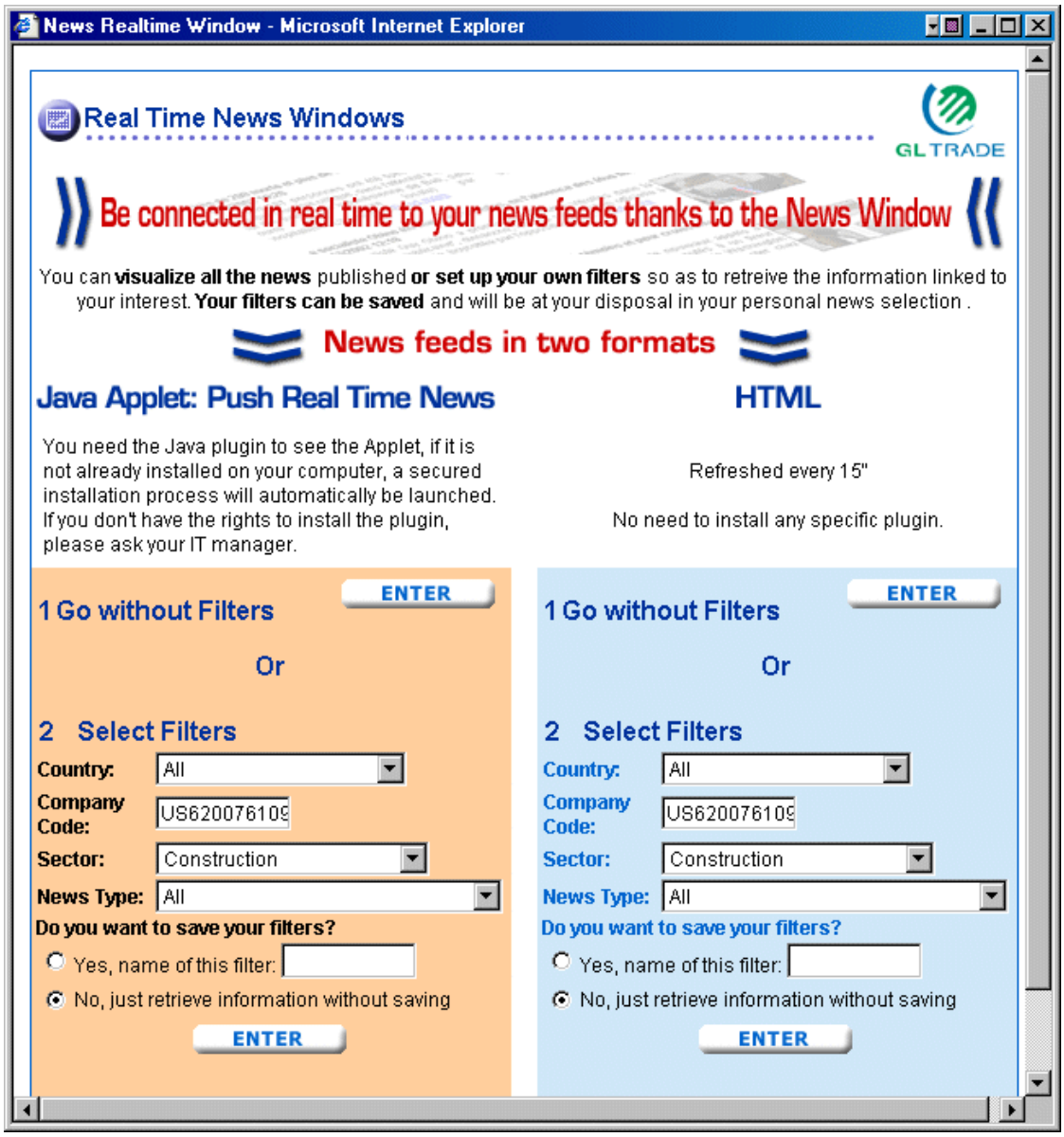
For instance, you access the AFX Europe wire by selecting the ***AFX -> AFX Europe*** function in the upper left News box. The following page is displayed:


AFX Europe
My Personal Account :
Newswire subscribed
Expiration Date
AFX Italy Trial Subscription 05/05/2005
AFX UK Full Subscription 05/05/2005
AFX Asia Trial Subscription 05/05/2005
AFX Swiss German Trial Subscription 05/05/2005
AFX DPA Trial Subscription 05/05/2005
AFX Swiss French Trial Subscription 05/05/2005
AFX Spain Trial Subscription 05/05/2005
AFX NL Trial Subscription 05/05/2005
AFX News Full Subscription 05/05/2005
If you have trial codes, Click here to know how to use it in your GL WIN.
Date Time* Title
06/11/03 15:35 Texas Instruments shares drop on lowered outlook - UPDATE 1
06/11/03 15:34 Eli Lilly sees Q2 at high end of range; shares up
06/11/03 15:31 Brussels shares close higher on Wall Street, Fortis leads gains
06/11/03 15:30 Precious Metals Summary - London Close
06/11/03 15:28 U.S. stocks stage quick reversal and head higher - UPDATE 3
AFX Europe Menu
Market news
Stocks
Broker Reco & Stockwatch
Bonds, Money
Futures
Foreign Exchange
Economic news
Company news
Government
General news
Activate my REAL TIME News Window
News Search
Select a time Horizon:
OR choose a Period:
From

The upper right blue box contains 10 different AFX Europe menus (Market news, Stocks, Broker Reco & Stockwatch, etc.). Select the appropriate option to display the news that are available. Click the title to display the news detail window shown below. For instance, *Texas Instruments* :


News Details - Microsoft Internet Explorer
News
Motorola Inc
06/11/03 - 15:35
GL TRADE
Texas Instruments shares drop on lowered outlook - UPDATE 1
NEW/USA/CMP/TXN MOT TXN
SAN FRANCISCO (AFX) -- Texas Instruments shares tumbled Wednesday after the
chip company cut its financial targets and set a larger-than-expected number of
job cuts for its current quarter, becoming the third major tech company in two
days to cite the impact of the SARS outbreak.
The Dallas-based company plans to cut 250 jobs from its chip operations in
Japan, which will result in about $55 million in charges instead of the $40
million it previously predicted.
Shares of Texas Instruments fell 10 percent to $18.45 on heavy volume. More
broadly in the sector, the Philadelphia Semiconductor Index fell 2.3 percent.
Analyst Ben Lynch with Deutsche Bank, saying TI has lost momentum from its key
wireless operations, cut his earnings estimates through next year. He also
downgraded the stock to "sell" from "hold" and cut his price target to $16.
Analyst David Wu with Wedbush Morgan, though, said TI's warning represented a
Related companies
Motorola Inc
Texas Instruments Inc
Related Sectors
computers,electronics,avionics
Print this page

From this window it is also possible to consult information about related companies and sectors (**Related Companies** and **Related Sectors** sections), or to print the news detail contained in the window.
Also, when you click the grey Activate my REAL TIME News window, the following screen is displayed:


News Realtime Window - Microsoft Internet Explorer
Real Time News Windows
GL TRADE
Be connected in real time to your news feeds thanks to the News Window
You can visualize all the news published or set up your own filters so as to retreive the information linked to your interest. Your filters can be saved and will be at your disposal in your personal news selection .
News feeds in two formats
Java Applet: Push Real Time News
HTML
You need the Java plugin to see the Applet, if it is not already installed on your computer, a secured installation process will automatically be launched. If you don't have the rights to install the plugin, please ask your IT manager.
Refreshed every 15"
No need to install any specific plugin.
1 Go without Filters
ENTER
Or
2 Select Filters
Country: All
Company Code: US6200761095
Sector: Construction
News Type: All
Do you want to save your filters?
Yes, name of this filter:
No, just retrieve information without saving
ENTER
1 Go without Filters
ENTER
Or
2 Select Filters
Country: All
Company Code: US6200761095
Sector: Construction
News Type: All
Do you want to save your filters?
Yes, name of this filter:
No, just retrieve information without saving
ENTER

The News feeds are available either as a Java Applet, by filling in the section on the left, or as standard HTML by filling in the section on the right.

Note: A Java plugin is required in order to receive the News feeds through a Java applet.

You can either search for news without filter criteria (the latest news is displayed) or define the following filters:

- Country
- Company Code or Sector
- News Type

You can also save your filters criteria through the **Enter** button.

In addition to a global European wire in English, this function also contains eight local financial wires in local languages for Germany, the United Kingdom, Spain, the Netherlands, Italy, Switzerland, France and Asia.

*Note: The **News Search Engine** function is also available from this page.*

Important: GL TRADE is a technical provider for AFP, AFX, DOW JONES, Standard and Poor's MarketScope, Day By Day and Trading Central Technical Analysis feeds, PR Newswire and CompanyNews Group Press Releases, and Reuters News. You must sign a direct contract with these providers to have access to these services. For more information please contact your local GL TRADE representative.

Dow Jones Newswire

Dow Jones Newswire is the world's leading independent, real-time financial news provider. It delivers more than 7, 000 news items a day covering economic, financial and market-moving political news from around the world to around 339, 000 financial professionals in 66 countries.
This offer comprises:

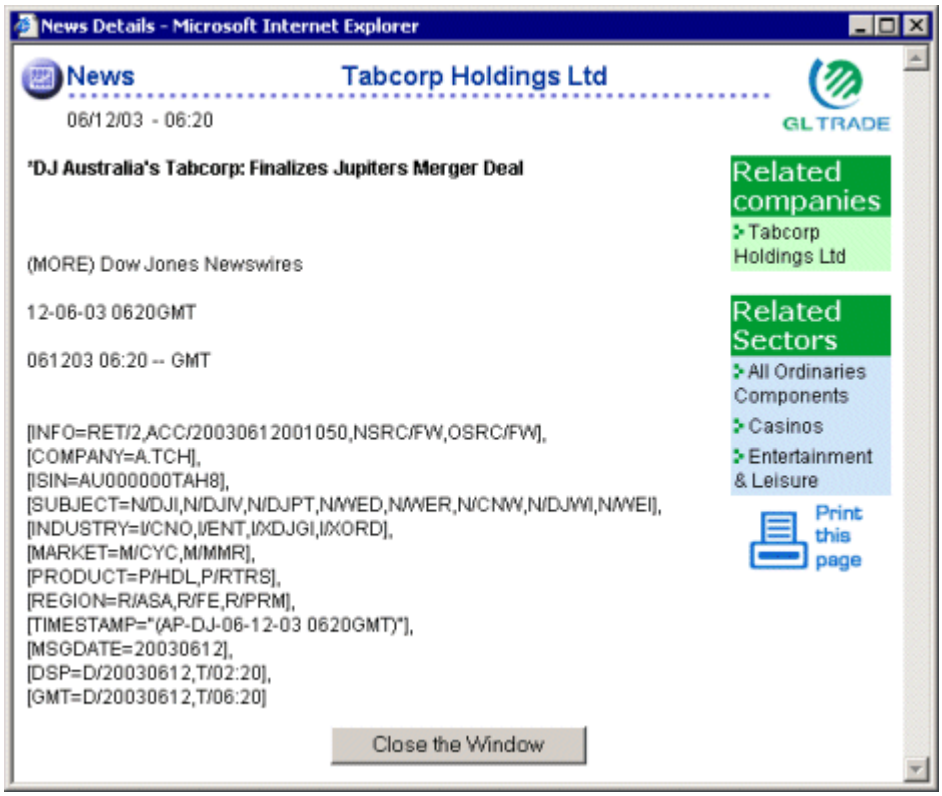
- The DJ Financial Wire in English: provides reporting on over 37, 000 listed companies, including IPOs, analysts' ratings, and unusual market activity. In addition it offers in-depth analysis into how economic indicators, political events and shifts in other financial markets affect the price of equities instruments,
- Four local feeds: Paris (DJ Bourse), Germany (VWD), Netherlands (DJ Nieuwsdiensst), Spain (DJ en Espanol).

By selecting Dow Jones, you obtain general information and explanations on how to subscribe to the Dow Jones Newswires.
In the upper green box, if you select a local news feed, a blue screen appears containing detailed information on the chosen newswire.

For instance, you access the Dow Jones Financial wire by selecting the ***Dow Jones -> Dow Jones Financial Wire*** function in the upper left News box. The following page is displayed:

Dow Jones Financial Wire
DOWJONES Newswires
My Personal Account :
No Subscription
If you have trial codes, Click here to know how to use it in your GL WIN.
Date
Time*
Title
06/12/03 06:40 DJ C.I. Traders: 13 Week Turnover Ahead Of Plan, Last Year
06/12/03 06:20 *DJ Australia's Tabcorp: Finalizes Jupiters Merger Deal
06/12/03 06:00 *DJ Closing Nikkei 225 Stock Average 8918.60, +28.30
06/12/03 05:22 DJ GERMAN PRESS: WestLB Mulls Sale Of Principal Finance Unit
(*) Time is displayed in GMT
Previous news
DJ FINANCIAL WIRE Menu
European Morning Briefing
Economics Indicators
Wall Street Journal Europe
Wall Street Journal Asia
Wall Street Journal US
Barron's
Far Eastern Eco Review
Calendar of Events
Top Stories
Editor's choice
Stoxx 50 Quaterly Forecast
Market Talk Europe
Market Talk US
Market Talk JP
Asia Headlines
Asia Stock Focus
US and Canada News
Crude/Oil
Tales of the Tape
Before the bell
Activate my REAL TIME News Window

Click the title to display the news detail window.



The upper right blue box of the Dow Jones Financial Wire page contains 20 different DJ FINANCIAL WIRE menus (Market Talk for Europe, Global Equity News, etc.). Select the appropriate function to display the available news.

Note: You can also access the Activate my REAL TIME News window from this page.

You can also save your filters criteria through the **GO** button.
In addition to the DJ Financial wire in English, this function also contains six local feeds in French, German, Dutch Spanish, Portugese and Italian.

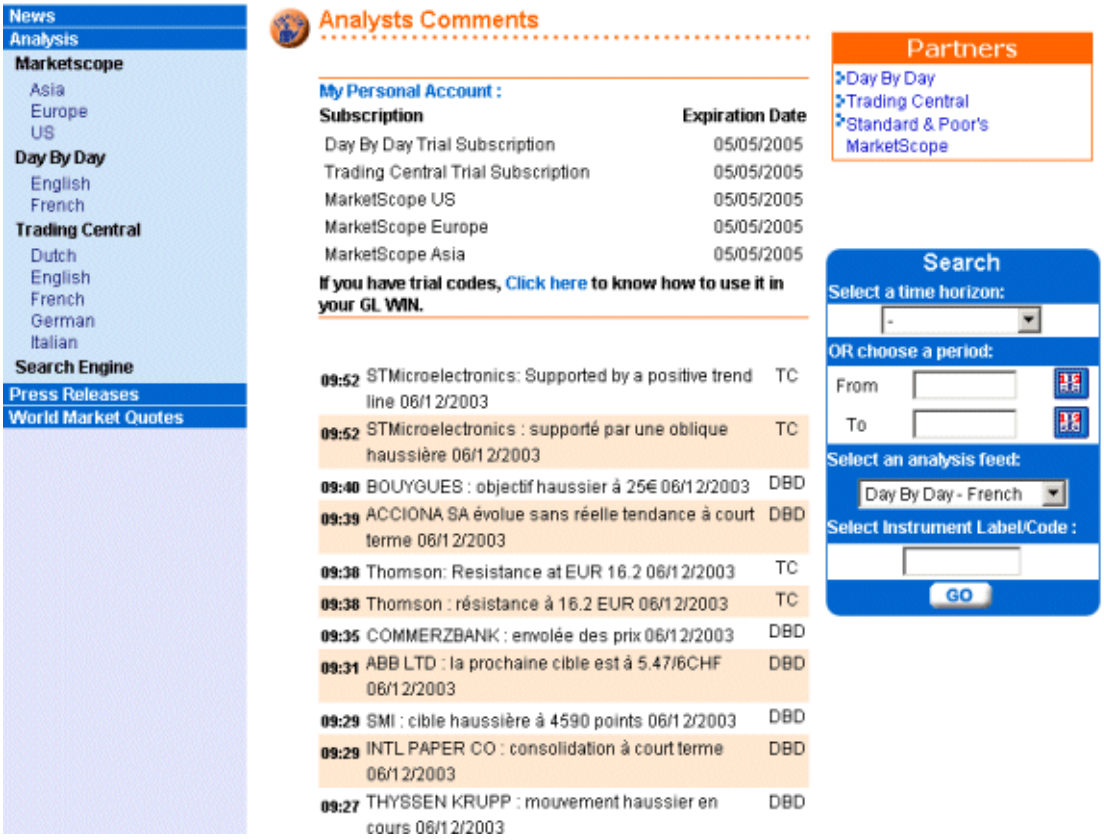
*Note: The **News Search Engine** function is also available from this page.*

Important: GL TRADE is a technical provider for AFP, AFX, DOW JONES, Standard and Poor's MarketScope, Day By Day and Trading Central Technical Analysis feeds, PR Newswire and CompanyNews Group Press Releases, and Reuters News. You must sign a direct contract with these providers to have access to these services. For more information please contact your local GL TRADE representative.

Analysis

The Analysis section of the GLTrade.net News Center enables you to retrieve international market analyses from the following sources:

- Standard and Poor's MarketScope
- Day by Day
- Trading Central


News
Analysis
Marketscope
Asia
Europe
US
Day By Day
English
French
Trading Central
Dutch
English
French
German
Italian
Search Engine
Press Releases
World Market Quotes
Analysts Comments
My Personal Account :
Subscription
Expiration Date
Day By Day Trial Subscription 05/05/2005
Trading Central Trial Subscription 05/05/2005
MarketScope US 05/05/2005
MarketScope Europe 05/05/2005
MarketScope Asia 05/05/2005
If you have trial codes, Click here to know how to use it in your GL WIN.
09:52 STMicroelectronics: Supported by a positive trend line 06/12/2003 TC
09:52 STMicroelectronics : supporté par une oblique haussière 06/12/2003 TC
09:40 BOUYGUES : objectif haussier à 25€ 06/12/2003 DBD
09:39 ACCIONA SA évolue sans réelle tendance à court terme 06/12/2003 DBD
09:38 Thomson: Resistance at EUR 16.2 06/12/2003 TC
09:38 Thomson : résistance à 16.2 EUR 06/12/2003 TC
09:35 COMMERZBANK : envolée des prix 06/12/2003 DBD
09:31 ABB LTD : la prochaine cible est à 5.47/6CHF 06/12/2003 DBD
09:29 SMI : cible haussière à 4590 points 06/12/2003 DBD
09:29 INTL PAPER CO : consolidation à court terme 06/12/2003 DBD
09:27 THYSSEN KRUPP : mouvement haussier en cours 06/12/2003 DBD
Partners
Day By Day
Trading Central
Standard & Poor's MarketScope
Search
Select a time horizon:
OR choose a period:
From
To
Select an analysis feed:
Day By Day - French
Select Instrument Label/Code :
GO

By clicking on an item in the news feed at the bottom of the page, the Technical Analysis detail window appears.

MarketScope

Standard & Poor's MarketScope is a real-time Equity market information service. The three major MarketScope feeds are Marketscope US, Europe and Asia.

To access the MarketScope analysis window for the Asian, European or US markets, click the appropriate selection either in the Analysis section on the left of the screen, or in the MarketScope Feeds box on the right. The MarketScope Feeds area will be replaced by the MarketScope menu pictured below.

Choose an option from the list and sub-menu. A list of analyses will appear in the middle of the window.

European MarketScope

- Extensive coverage of 3,500 core European stocks
- Minute by minute updates on what is really moving on individual shares
- Timely, in-depth consensus estimate data
- Time-saving summaries of all high impact broker recommendations
- Independent buy/sell recommendations from S&P Equity Research

Asia Market Insight

- Independent in-depth company analysis and realtime commentary on Asian equity markets
- Buy/sell recommendations on stocks, delivered alongside commentary on market moving events and updates on brokerage house research
- S&P STARS (STock Appreciation Ranking System), a globally recognized proprietary stock selection system also used in our US equities service
- Coverage includes stocks in Japan, Australia, New Zealand, Hong Kong, Taiwan, China, South Korea, Singapore and Malaysia, and also a more general coverage of markets in Thailand, the Philippines and Indonesia
- Strategic views: a daily column written by chief strategist provides a unique and wide ranging view of the global markets

US MarketScope

- Unique and intelligently filtered news and analysis on US equities
- Advanced reference section of over 9,200 companies

- Perceptive buy/sell recommendations from a team of 55 full-time analysts
- Comprehensive reference statistics and descriptions on individual companies
- Standard & Poor's Portfolios such as the Platinum Portfolio

Important: GL TRADE is a technical provider for AFP, AFX, DOW JONES, Standard and Poor's MarketScope, Day By Day and Trading Central Technical Analysis feeds, PR Newswire and CompanyNews Group Press Releases, and Reuters News. You must sign a direct contract with these providers to have access to these services. For more information please contact your local GL TRADE representative.

Day by Day

Day By Day offers services for financial technical analysis. Day By Day data feed can be divided into two services:

- **Trade**, for equities /futures/option prop-traders and salespeople
- **Manage**, best suited for portfolio managers

To access the Day By Day analysis window for the English or French markets, click the appropriate selection either in the Analysis section on the left of the screen, or in the Day By Day Feeds box on the right. The Day By Day menu pictured below will appear.

Choose an option from the list and sub-menu. A list of analyses will appear in the middle of the window.

12:09 SCHERING AG: in consolidation 06/12/2003

09:35 COMMERZBANK: flown of the prices 06/12/2003

09:27 THYSSEN KRUPP: bullish movement in progress 06/12/2003

09:23 SIEMENS: we remain positive 06/12/2003

09:12 LUFTHANSA AG: the rise continues 06/12/2003

08:12 DAIMLER CHRYSLER: the rise accelerates 06/12/2003

08:03 VOLKSWAGEN AG: we pass bullish in the mid-term 06/12/2003

07:50 BAYER: the rise continues 06/12/2003

22:35 DEUTSCHE BANK: resumption of the rise 06/11/2003

09:23 BASF: we remain positive 06/11/2003

09:12 TUI: the dynamics remains bullish 06/11/2003

09:07 METRO AG: we remain neutral 06/11/2003

09:01 HYPOVEREINSBANK: new upside objective at 17,60€ 06/11/2003

08:51 HENKEL: no trend 06/11/2003

08:41 DEUTSCH POST: correction before resumption of the rise 06/11/2003

Previous Analysis

Clicking on one of the analysis summaries featured in the list will display a detailed analysis window with a graph charting the progress of the instrument.

Day By Day provides about 100 analyses per day in two languages, English and French, for the European, US and French markets.

	Analysis	Manage	Equities Trade	Futures Trade
Real Time	Up-dates of the 1000 single asset analysis database - featuring an annotated chart, two support levels, two resistance levels, a short term and a medium term opinion and a comment explaining the opinions.	X	X	-
	Stock Trading levels - further analysis on three specific trading levels for equities or rates - track-record available on request.	-	X	-
	Covered warrants Opinions - opprtunities for buying, holding, or selling call and put warrants on 50 assets, traded in France	-	-	X

Daily	Daily Letter - Daily comments on any moves influencing stock markets for the short term (indices, bonds, currencies).	X	X	X
	Trading Letter - featuring strategies on 3 futures, based on hourly charts, followed-up the next day - track-record available on request.	-	-	
Weekly	Focus Note. Medium term sector outlook with a focus on 3/5 specific stocks within the sector, and out-performance ranking.	X	X	-
	Research Letter. Featuring several analyses opening up on traditional methods.	X	X	-
	Management Letter. Medium-term anticipation on a specific stock with targets.	X	X	-

Day By Day analysis feeds are available on the following sets of instruments (French and English versions) :

Indices Actions	**Stock indices**
CAC 40	CAC 40
SRD	SRD
Valeurs étrangères du SRD	Foreign SRD Instruments
Autres valeurs étrangères	Other foreign Instruments
Euro Stoxx 50	Euro Stoxx 50
Tracker	Tracker
EURONEXT 100	EURONEXT 100
DAX 30	DAX 30
FTSE 100	FTSE 100
MIB 30	MIB 30
IBEX 35	IBEX 35
AEX 25	AEX 25
BEL20	BEL20
PSI 20	PSI 20
SMI	SMI
DOW JONES 30	DOW JONES 30
SP 500	SP 500
NASDAQ COMPOSITE	NASDAQ COMPOSITE
NASDAQ 100	NASDAQ 100
NIKKEI 225	NIKKEI 225
Autres Actions Françaises	Other French Stocks
HANG SENG	HANG SENG

Secteurs Euro Stoxx	Euro Stoxx Sectors
Euro Stoxx Alimentation Boisson	Euro Stoxx Food and Beverage
Euro Stoxx Automobiles	Euro Stoxx Automobiles
Euro Stoxx Banques	Euro Stoxx Banking
Euro Stoxx Chimie	Euro Stoxx Chemicals
Euro Stoxx Construction	Euro Stoxx Construction
Euro Stoxx Cycliques	Euro Stoxx Cyclicals
Euro Stoxx Energie	Euro Stoxx Energy
Euro Stoxx Matériaux de Base	Euro Stoxx basic Reso
Euro Stoxx Non-Cycliques	Euro Stoxx Non-Cyclicals
Euro Stoxx Service Financiers	Euro Stoxx Financials
Euro Stoxx Biens et Services Industriels	Euro Stoxx Industrials
Euro Stoxx Assurances	Euro Stoxx Insurance
Euro Stoxx Média	Euro Stoxx Média
Euro Stoxx Santé	Euro Stoxx Healthcare
Euro Stoxx Distribution	Euro Stoxx Retail
Euro Stoxx Technologie	Euro Stoxx Technology
Euro Stoxx Télécom	Euro Stoxx Telecom
Euro Stoxx Utilities	Euro Stoxx Utilities

Forces relatives
USA 50

Contrats de Taux	**Interest Rates Futures**
Devises	**Currencies**
Matières Premières	**Commodities**
Volatilités	**Volatilities**

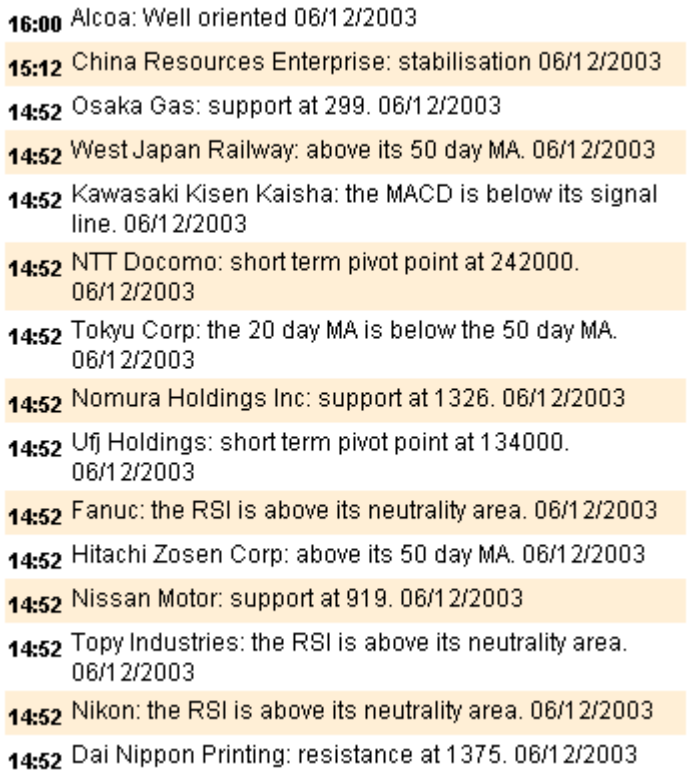
Important: GL TRADE is a technical provider for AFP, AFX, DOW JONES, Standard and Poor's MarketScope, Day By Day and Trading Central Technical Analysis feeds, PR Newswire and CompanyNews Group Press Releases, and Reuters News. You must sign a direct contract with these providers to have access to these services. For more information please contact your local GL TRADE representative.

Trading Central

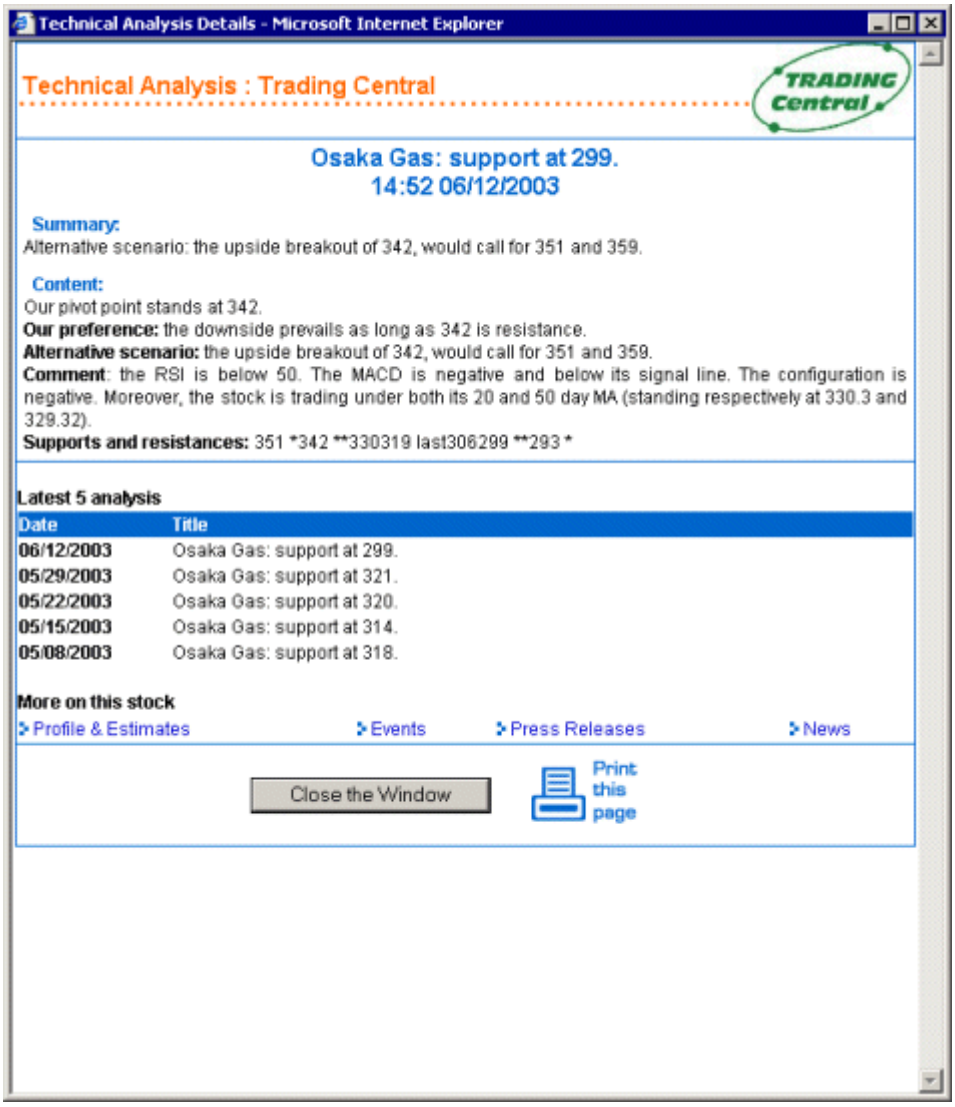
Trading Central offers services for financial technical analysis.
Trading Central provides about 200 analyses per day in four languages; English, French, German and Italian, for the European, US and Asian markets.

To access the Trading Central analysis window for the English, French, German or Italian markets, click the appropriate selection either in the Analysis section on the left of the screen, or in the Trading Central Feeds box on the right. The Trading Central menu pictured below will appear.

Choose an option from the list and sub-menu. A list of analyses will appear in the middle of the window.


16:00 Alcoa: Well oriented 06/12/2003
15:12 China Resources Enterprise: stabilisation 06/12/2003
14:52 Osaka Gas: support at 299. 06/12/2003
14:52 West Japan Railway: above its 50 day MA. 06/12/2003
14:52 Kawasaki Kisen Kaisha: the MACD is below its signal line. 06/12/2003
14:52 NTT Docomo: short term pivot point at 242000. 06/12/2003
14:52 Tokyu Corp: the 20 day MA is below the 50 day MA. 06/12/2003
14:52 Nomura Holdings Inc: support at 1326. 06/12/2003
14:52 Ufj Holdings: short term pivot point at 134000. 06/12/2003
14:52 Fanuc: the RSI is above its neutrality area. 06/12/2003
14:52 Hitachi Zosen Corp: above its 50 day MA. 06/12/2003
14:52 Nissan Motor: support at 919. 06/12/2003
14:52 Topy Industries: the RSI is above its neutrality area. 06/12/2003
14:52 Nikon: the RSI is above its neutrality area. 06/12/2003
14:52 Dai Nippon Printing: resistance at 1375. 06/12/2003

Clicking on one of the analysis summaries featured in the list will display a detailed analysis window with a graph charting the progress of the instrument.


Technical Analysis Details - Microsoft Internet Explorer
Technical Analysis : Trading Central
TRADING Central
Osaka Gas: support at 299.
14:52 06/12/2003
Summary:
Alternative scenario: the upside breakout of 342, would call for 351 and 359.
Content:
Our pivot point stands at 342.
Our preference: the downside prevails as long as 342 is resistance.
Alternative scenario: the upside breakout of 342, would call for 351 and 359.
Comment: the RSI is below 50. The MACD is negative and below its signal line. The configuration is negative. Moreover, the stock is trading under both its 20 and 50 day MA (standing respectively at 330.3 and 329.32).
Supports and resistances: 351 *342 **330319 last306299 **293 *
Latest 5 analysis
Date Title
06/12/2003 Osaka Gas: support at 299.
05/29/2003 Osaka Gas: support at 321.
05/22/2003 Osaka Gas: support at 320.
05/15/2003 Osaka Gas: support at 314.
05/08/2003 Osaka Gas: support at 318.
More on this stock
Profile & Estimates
Events
Press Releases
News
Close the Window
Print this page

Three types of messages are available:

Recommendation

This message type provides real-time buy and sell advice.

Analysis

This message type provides analysis and comments about financial instruments.

Follow-up

This message type provides analysis and comments about financial instruments.

The analysis is available on the following sets of instruments and regions :

EQUITIES MARKETS

NORTH AMERICA

US & Canada

EUROPE

Euronext
Germany
Greece
Italy
Scandinavia
Spain
Switzerland
United Kingdom
Other European
European Sectors

ASIA

Australia & NZ
Japan & Hong Kong

INDICES

CAC
DAX
DOW JONES
EURO STOXX 50
FTSE
HANG SENG
MIB
NASDAQ 100
NIKKEI
SMI
S&P 500

FOREX

EUR & JPY
CHF & GBP
EUR vs CHF, GBP, JPY
CAD & AUD
CZK & HUF & PLN
MXP & ZAR

BONDS

USD
EUR
GBP

STRATEGIES

Arbitrage
Market Briefs
Samples
Live Technical Analysis

Important: GL TRADE is a technical provider for AFP, AFX, DOW JONES, Standard and Poor's MarketScope, Day By Day and Trading Central Technical Analysis feeds, PR Newswire and CompanyNews Group Press Releases, and Reuters News. You must sign a direct contract with these providers to have access to these services. For more information please contact your local GL TRADE representative.

Reuters News Integration

Reuters system broadcasts real-time news on Equities, Fixed income, FX and money markets, Commodities and Energy, etc.

News

A story is a News item, filed by journalists and made available to clients in several parts.
The first part of a story may be an alert. This is a brief item containing the most essential information relating to that emerging story. Sometimes several alerts for the same story are filed in quick succession.
Alerts may be followed up by a headline and the piece of text for the story. This text and its associated headline is called a 'take'. Subsequent takes may also be filed containing additional text as needed.

Coding

Reuters News stories carry category codes which describe the content of the story, and can be used to assist in retrieval of relevant news items by users.

- Product codes: Identify to which product the story belongs, for example 'M' for Money news or 'FA' for the French language financial news service. Reuters News carry a number of Reuters and third party products aimed at specific market sectors.
- Topic codes: Describe the story subject matter. For example 'INT' for interest rates, 'RES' for results stories, 'IBM.N' for stories about IBM, 'CN' for stories about China.
- Named item codes: These identify stories which users would normally want to retrieve using a fixed name. For example, the code 'TOP/' identifies the directory containing the on-line list of Topic codes. The code '.L' identifies London stock market reports.
- Attribution: Specifies whether the story was supplied by Reuters, or by one of the third party News sources available on Reuters News system.

Reuters News key features

- Broadcast of Latest News: Latest news headlines and alerts are automatically broadcasted to the client.
- Category coding of News: Codes attached to each story enable users to find, quickly and accurately, news on topics in which they are interested in.
- Directories: On-line directory information providing details of codes in use.

Important: GL TRADE is a technical provider for AFP, AFX, DOW JONES, Standard and Poor's MarketScope, Day By Day and Trading Central Technical Analysis feeds, PR Newswire and CompanyNews Group Press Releases, and Reuters News. You must sign a direct contract with these providers to have access to these services. For more information please contact your local GL TRADE representative.

Press Releases

The Newswire section of the **GLTRADE.net** News Center enables you to retrieve international Press Release feeds from the following sources:

- CompanyNews Group
- PR Newswire

By clicking on an item in the Press Release feed, the Press Release detail window appears.

CompanyNews Group

The Press Release messages are available under the following sectors:

- Environment
- Health
- Tourism
- Public transportation
- High-tech
- Luxury
- Industry
- Entertainment
- Food supply chain
- Industry
- Banks/Insurance
- Sport
- Public Sector
- Regional
- Real estate

CompanyNews Group works for companies listed in Paris, Brussels, Amsterdam, Luxembourg, Milan, and Madrid. As a trading partner of American leader **BusinessWire** and German leader **NewsAktuell**, **CompanyNews Group** also distribute press releases from American and German corporations.

CompanyNews Group press releases are updated every 10 minutes. The following table lists the available languages depending on the country of the company's origin.

Company Origin	Language
France	French
	English
Belgium	French
	English
	Dutch
Italy	Italian
	English
Spain	Spanish
	English
Germany	French
	English
America	French
	English

PR Newswire Press Releases

PR Newswire provides comprehensive news targeting, distribution, and measurement services on behalf of some 40,000 organizations worldwide who seek to reach the news media, the investment community and the general public with their up to the minute, full-text news developments.

Press releases messages are classified by industries:

- Automotive
- Energy

- Entertainment
- Financial
- Health/Biotech
- Retail
- Sports
- Technology
- Etc.

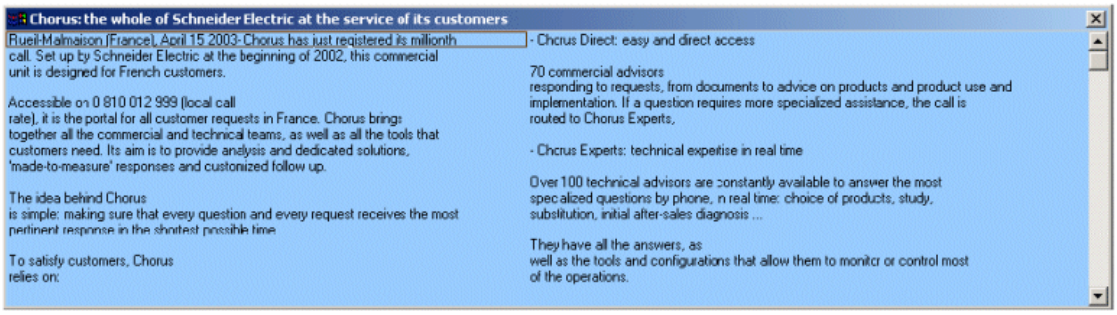
Press releases messages also indicate topic or themes associated with the release:

- Economy, business and finance
- Arts, culture and entertainment
- Crime, law and justice
- Disaster and accident
- Education
- Environmental issues
- Health
- Human interest
- Labour
- Lifestyle and leisure
- Politics
- Religion and belief
- Science and technology
- Social issues
- Sport
- Unrest, conflicts and war
- Weather

CompanyNews Group

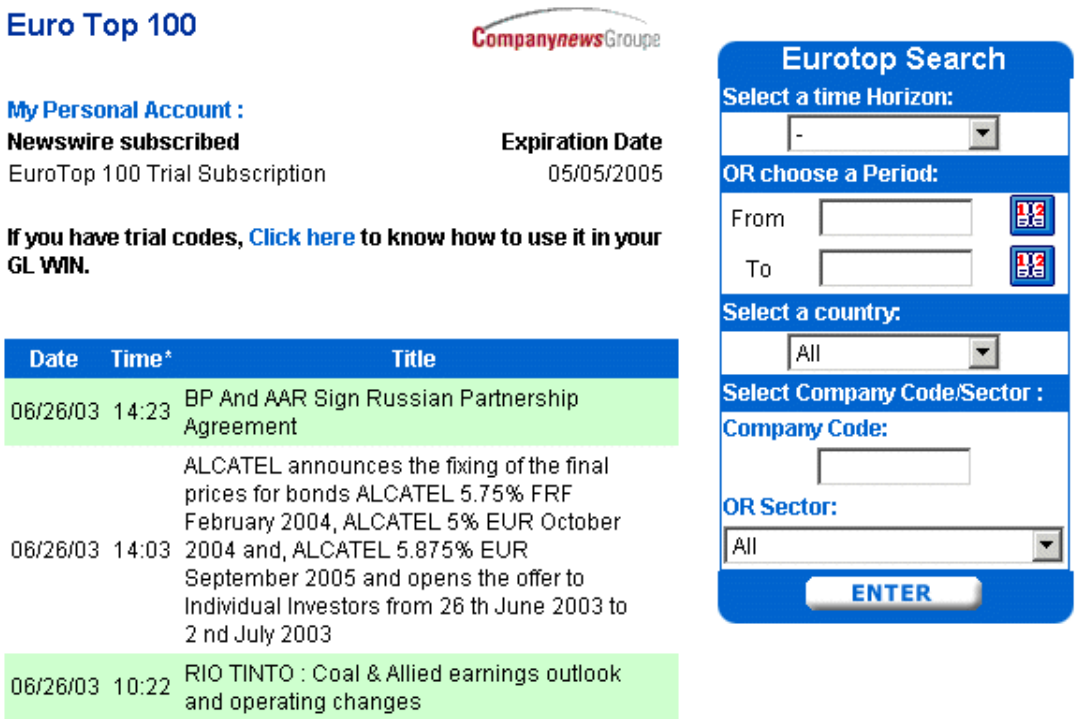
CompanyNews Group is the leading company news distribution agency in Southern Europe. **CompanyNews Group** distributes the official full-text official communication of some 5000 companies to both professional investors (buy and sell sides) and individual investors, to the media and the public.

To read **CompanyNews Group** Press Releases, select the required **Press Release** option(s) as described in the section ***News -> Parameters -> Origin***. Double-click on a Press Release in the News window and a Press Release feed window appears.


Chorus: the whole of Schneider Electric at the service of its customers
Rueil-Malmaison (France), April 15 2003-Chorus has just registered its millionth
call. Set up by Schneider Electric at the beginning of 2002, this commercial
unit is designed for French customers.
Accessible on 0 810 012 999 (local call
rate), it is the portal for all customer requests in France. Chorus brings
together all the commercial and technical teams, as well as all the tools that
customers need. Its aim is to provide analysis and dedicated solutions,
'made-to-measure' responses and customized follow up.
The idea behind Chorus
is simple: making sure that every question and every request receives the most
pertinent response in the shortest possible time.
To satisfy customers, Chorus
relies on:
- Chorus Direct: easy and direct access
70 commercial advisors
responding to requests, from documents to advice on products and product use and
implementation. If a question requires more specialized assistance, the call is
routed to Chorus Experts.
- Chorus Experts: technical expertise in real time
Over 100 technical advisors are constantly available to answer the most
specialized questions by phone, in real time: choice of products, study,
substitution, initial after-sales diagnosis ...
They have all the answers, as
well as the tools and configurations that allow them to monitor or control most
of the operations.

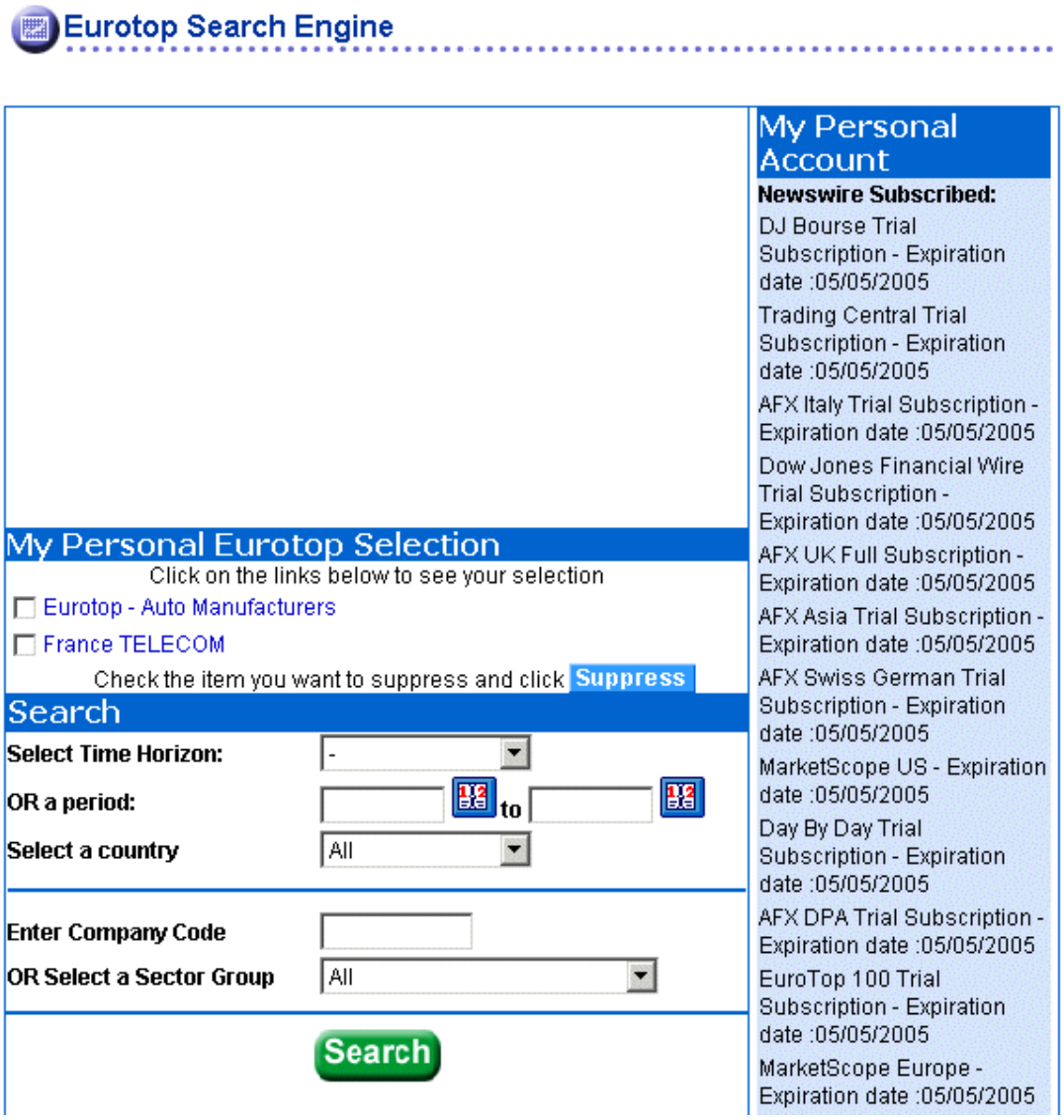
Alternatively, from the Market watch window, select the ***WEB Services -> Related press releases*** function after having highlighted a stock.

You also have a direct access to the **News Center -> Press Releases** of GLTRADE.net that includes a dedicated **EuroTop100** section.

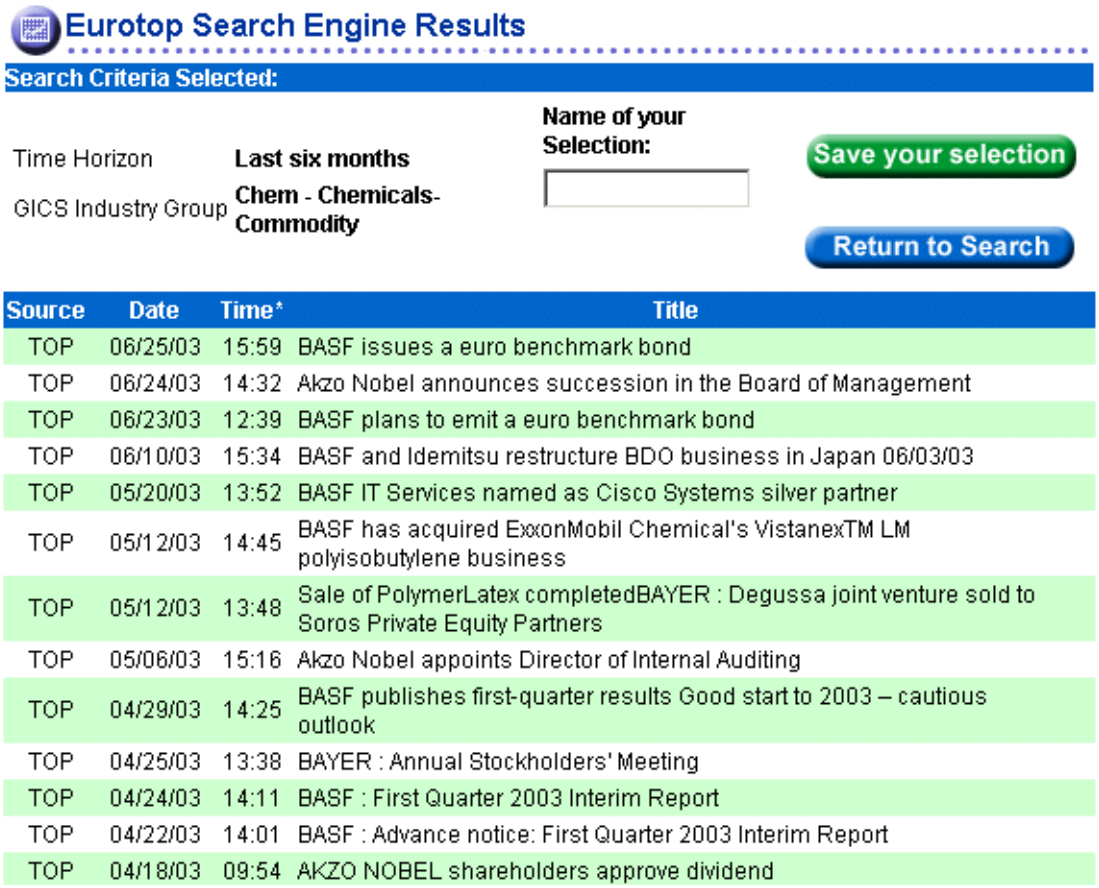

Euro Top 100
Companynews Groupe
My Personal Account :
Newswire subscribed
EuroTop 100 Trial Subscription
Expiration Date
05/05/2005
If you have trial codes, Click here to know how to use it in your GL WIN.
Date
Time*
Title
06/26/03 14:23 BP And AAR Sign Russian Partnership Agreement
06/26/03 14:03 ALCATEL announces the fixing of the final prices for bonds ALCATEL 5.75% FRF February 2004, ALCATEL 5% EUR October 2004 and, ALCATEL 5.875% EUR September 2005 and opens the offer to Individual Investors from 26 th June 2003 to 2 nd July 2003
06/26/03 10:22 RIO TINTO : Coal & Allied earnings outlook and operating changes
Eurotop Search
Select a time Horizon:
-
OR choose a Period:
From
To
Select a country:
All
Select Company Code/Sector :
Company Code:
OR Sector:
All
ENTER

*Note: You also get the **Related Press Releases** in the Stock Box available on **GLTRADE.net.***

If you want to execute a particular search, use the **Eurotop Search Engine** in the Press Releases section. The following screen is displayed:


Eurotop Search Engine
My Personal Account
Newswire Subscribed:
DJ Bourse Trial Subscription - Expiration date :05/05/2005
Trading Central Trial Subscription - Expiration date :05/05/2005
AFX Italy Trial Subscription - Expiration date :05/05/2005
Dow Jones Financial Wire Trial Subscription - Expiration date :05/05/2005
AFX UK Full Subscription - Expiration date :05/05/2005
AFX Asia Trial Subscription - Expiration date :05/05/2005
AFX Swiss German Trial Subscription - Expiration date :05/05/2005
MarketScope US - Expiration date :05/05/2005
Day By Day Trial Subscription - Expiration date :05/05/2005
AFX DPA Trial Subscription - Expiration date :05/05/2005
EuroTop 100 Trial Subscription - Expiration date :05/05/2005
MarketScope Europe - Expiration date :05/05/2005
My Personal Eurotop Selection
Click on the links below to see your selection
Eurotop - Auto Manufacturers
France TELECOM
Check the item you want to suppress and click Suppress
Search
Select Time Horizon:
OR a period:
to
Select a country
All
Enter Company Code
OR Select a Sector Group
All
Search

Fill in the fields.



Eurotop Search Engine Results

Search Criteria Selected:

Time Horizon: Last six months

GICS Industry Group: Chem - Chemicals-Commodity

Name of your Selection:

Save your selection

Return to Search

Source	Date	Time*	Title
TOP	06/25/03	15:59	BASF issues a euro benchmark bond
TOP	06/24/03	14:32	Akzo Nobel announces succession in the Board of Management
TOP	06/23/03	12:39	BASF plans to emit a euro benchmark bond
TOP	06/10/03	15:34	BASF and Idemitsu restructure BDO business in Japan 06/03/03
TOP	05/20/03	13:52	BASF IT Services named as Cisco Systems silver partner
TOP	05/12/03	14:45	BASF has acquired ExxonMobil Chemical's VistanexTM LM polyisobutylene business
TOP	05/12/03	13:48	Sale of PolymerLatex completedBAYER : Degussa joint venture sold to Soros Private Equity Partners
TOP	05/06/03	15:16	Akzo Nobel appoints Director of Internal Auditing
TOP	04/29/03	14:25	BASF publishes first-quarter results Good start to 2003 – cautious outlook
TOP	04/25/03	13:38	BAYER : Annual Stockholders' Meeting
TOP	04/24/03	14:11	BASF : First Quarter 2003 Interim Report
TOP	04/22/03	14:01	BASF : Advance notice: First Quarter 2003 Interim Report
TOP	04/18/03	09:54	AKZO NOBEL shareholders approve dividend

Click the title to display the news detail window.

You can set up a personal Eurotop Selection to be saved under a chosen name. Enter the **Name of your Selection** and validate with the **Save your selection** button. Click the **Return to Search** button to go back to the previous screen.

*Note: From this screen, you also have the possibility to find the company **Press Releases**.*

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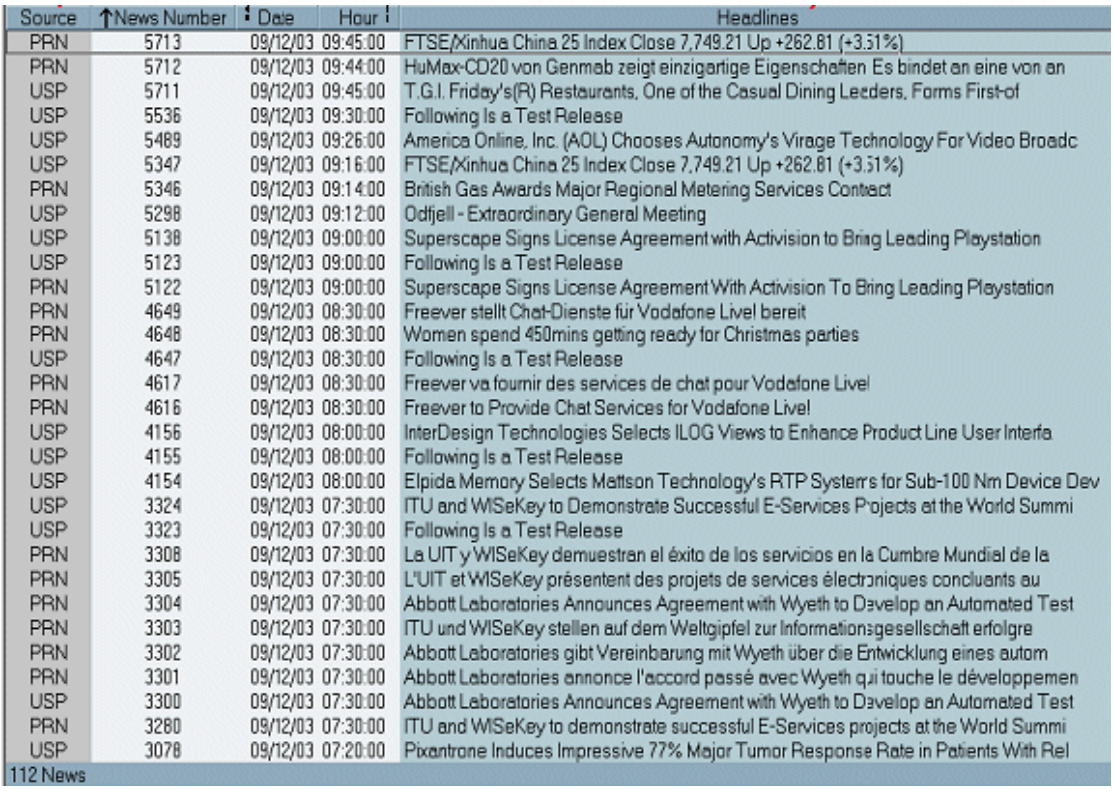
PR Newswire

PR Newswire works for companies listed in Paris, Brussels, Amsterdam, Luxembourg, Milan, Madrid, Germany. Thanks to its American operations, PR Newswire also distributes press releases from American and Latin American corporations.

To read **PR Newswire** Press Releases, select the required **Press Release** option(s) as described in the section ***News -> Parameters -> Origin***. Double-click on a Press Release in the News window and a Press Release feed window appears.



Source	News Number	Date	Hour	Headlines
PRN	5713	09/12/03	09:45:00	FTSE/Xinhua China 25 Index Close 7,749.21 Up +262.81 (+3.51%)
PRN	5712	09/12/03	09:44:00	HuMax-CD20 von Genmab zeigt einzigartige Eigenschaften Es bindet an eine von an
USP	5711	09/12/03	09:45:00	T.G.I. Friday's(R) Restaurants, One of the Casual Dining Leaders, Forms First-of
USP	5536	09/12/03	09:30:00	Following Is a Test Release
USP	5489	09/12/03	09:26:00	America Online, Inc. (AOL) Chooses Autonomy's Virage Technology For Video Broadc
USP	5347	09/12/03	09:16:00	FTSE/Xinhua China 25 Index Close 7,749.21 Up +262.81 (+3.51%)
PRN	5346	09/12/03	09:14:00	British Gas Awards Major Regional Metering Services Contract
USP	5298	09/12/03	09:12:00	Odfjell - Extraordinary General Meeting
USP	5138	09/12/03	09:00:00	Superscape Signs License Agreement with Activision to Bring Leading Playstation
USP	5123	09/12/03	09:00:00	Following Is a Test Release
PRN	5122	09/12/03	09:00:00	Superscape Signs License Agreement With Activision To Bring Leading Playstation
PRN	4649	09/12/03	08:30:00	Freever stellt Chat-Dienste für Vodafone Live! bereit
PRN	4648	09/12/03	08:30:00	Women spend 450mins getting ready for Christmas parties
USP	4647	09/12/03	08:30:00	Following Is a Test Release
PRN	4617	09/12/03	08:30:00	Freever va fournir des services de chat pour Vodafone Live!
PRN	4616	09/12/03	08:30:00	Freever to Provide Chat Services for Vodafone Live!
USP	4156	09/12/03	08:00:00	InterDesign Technologies Selects ILOG Views to Enhance Product Line User Interfa
USP	4155	09/12/03	08:00:00	Following Is a Test Release
USP	4154	09/12/03	08:00:00	Elpida Memory Selects Mattson Technology's RTP Systems for Sub-100 Nm Device Dev
USP	3324	09/12/03	07:30:00	ITU and WISeKey to Demonstrate Successful E-Services Projects at the World Summi
USP	3323	09/12/03	07:30:00	Following Is a Test Release
PRN	3308	09/12/03	07:30:00	La UIT y WISeKey demuestran el éxito de los servicios en la Cumbre Mundial de la
PRN	3305	09/12/03	07:30:00	L'UIT et WISeKey présentent des projets de services électroniques concluants au
PRN	3304	09/12/03	07:30:00	Abbott Laboratories Announces Agreement with Wyeth to Develop an Automated Test
PRN	3303	09/12/03	07:30:00	ITU und WISeKey stellen auf dem Weltgipfel zur Informationsgesellschaft erfolgre
PRN	3302	09/12/03	07:30:00	Abbott Laboratories gibt Vereinbarung mit Wyeth über die Entwicklung eines autom
PRN	3301	09/12/03	07:30:00	Abbott Laboratories annonce l'accord passé avec Wyeth qui touche le développemen
USP	3300	09/12/03	07:30:00	Abbott Laboratories Announces Agreement with Wyeth to Develop an Automated Test
PRN	3280	09/12/03	07:30:00	ITU and WISeKey to demonstrate successful E-Services projects at the World Summi
USP	3078	09/12/03	07:20:00	Pixantrone Induces Impressive 77% Major Tumor Response Rate in Patients With Rel

112 News

Alternatively, from the Market watch window, select the ***WEB Services -> Related press releases*** function after having highlighted a stock.

Depending on the country of origin (European countries, Latin America, Americas, China), press releases are available in a choice of languages:

- English
- French
- German
- Italian
- Dutch
- Spanish
- Portuguese
- Danish
- Swedish
- Norwegian
- Finnish.

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The Other Days menu

The ***Other Days*** menu includes the following functions :

Previous day
Today

Previous day

(-)

Displays the previous day's news.

Today

(=)

Displays today's news.

The Alerts window

The Alerts window is used to define customized instrument alarm messages that will be received via the News window. You can enter instruments by using the dictionary, or by typing instruments directly in the list.

When you select the ***Alerts*** function, both the Alerts and the News windows are displayed because they are linked.

See Alerts & RFQ in the Trading Tools section for more details on using this window.

The Notification Manager

To access this window, click the Market Data icon then select ***Notification Manager***.

The Notification Manager controls information services for the workstation where it is installed. It controls two types of notifications:

- **Tickers** : scrolling displays which keep the user up-to-date with information/events either arriving into (external), or happening within your GL WIN (internal).
- **Alerts** : displaying alert events published from external contributor applications, typically another GL WIN application.

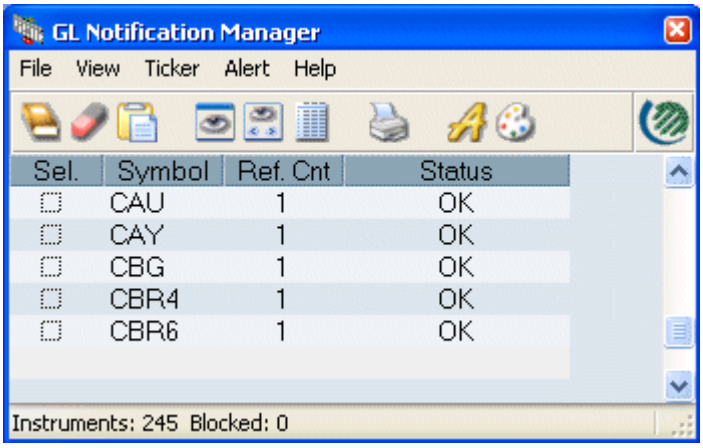
Note : the current version of the Notification Manager only includes internal tickers as no applications currently use external tickers or external alerts. As such, external tickers/alerts have not yet been implemented.

You can use the Notification Manager with GL WIN (5.11+). However, client order related tickers can only publish events when the Notification Manager is installed into GL STREAM as this the GL environment for client orders.

*Note : the Notification Manager remains running in the background after being started even if the user closes the application via **File -> Exit** (all of its tickers and alerts remain running but hidden). In order to stop the Notification Manager outright, with all of its alerts and tickers, select **File -> Close All Tickers and Alerts**.*

The Notification Manager window

The menu bar provides access to the different maintenance screens of the Notification Manager. The button bar offers short cuts to several of these functions. The central screen zone (Ticker Watchlist) shows each of the securities the Notification Manager is currently monitoring/publishing on its internal tickers.



The Button Bar

The Notification Manager button bar is the following. Descriptions for each item can be found beneath.

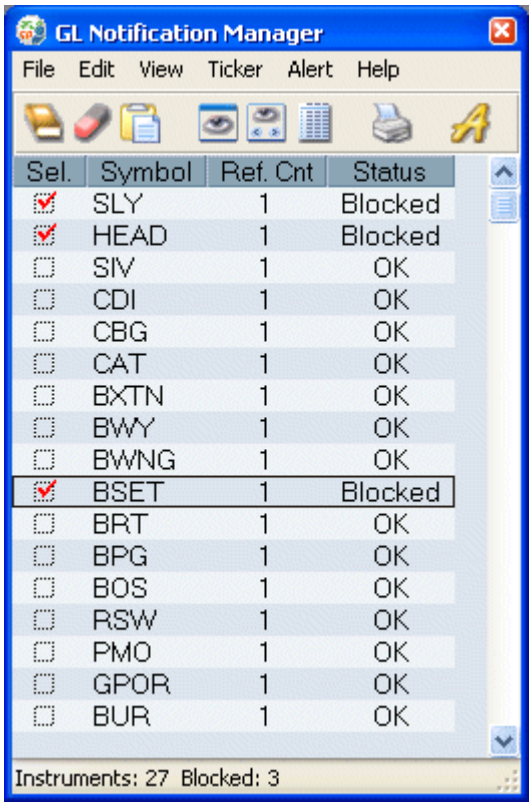
Icon	Function
	Opens the Dictionary window, enabling you to insert instruments in the active screen tab.
	Removes the security currently highlighted in the main screen zone of the Notification Manager window.
	Pastes any security currently stored on the clipboard to the Notification Manager window.
	Hides or shows the title bar (Notification Manager) and the menu bar.
	Hides the scrollbar which is situated towards the foot of the screen.
	Accesses the version of the Columns Setup dialog specific to the Notification Manager.
	Prints the securities currently displayed on the Ticker Watchlist i.e. those being monitored for inclusion on internal tickers.
	Accesses the standard GL WIN font dialog, enabling you to edit the font size and style.
	Accesses the standard GL WIN colour palettes dialog, enabling you to edit the colour scheme.

Ticker Watchlist

Internal tickers can only publish events/information for the securities that have been added to a watchlist section of the Notification Manager screen. Each security is displayed in the watchlist section together with its current status.
You can add the following to the watchlist:

- Individual securities
- Securities via the Dictionary.
- Saved lists securities.
- Securities via a PKS book.

Note: external tickers (using external data sources) do not use the watchlist to define which securities to monitor as they publish the entire content of its imported data source.



Ticker Watchlist Statuses

Adding securities to the watchlist causes the Status column on the main Notification Manager screen to display the following statuses:

Status	Description
ADDED	The security has been added to the current session of the Notification Manager. This is a temporary status and only likely to be visible for a few moments.
DATA REQUESTED	The security has been added and the system is actively requesting an information service for from the predefined data sources (SLCs / SLEs etc).
OK	The data request was successful and all applicable events / information can now be displayed on the appropriate ticker as and when they occur. Therefore the security is actively being monitored.
<UNKNOWN>	Invalid security, cannot be found in GL WIN.

Adding Individual Securities

You can add individual securities to the Notification Manager watchlist by manually typing in the appropriate security codes directly into the main screen. The securities can then be monitored and appear on internal tickers as and when events occur.
To add individual securities to the watchlist for internal tickers:

1. On the main Notification Manager screen, locate the cursor on any of the existing securities listed in the screen section. Or if the screen is empty, locate the cursor anywhere in the main screen section.
2. Type in the local code of the security (normally 3 or 4 characters) and press <**Enter**>. The State column displays the value OK if and when the data request is successful.

Removing a Securities List

You can remove lists of securities that have been added to the Instrument Lists for internal tickers screen on a previous occasion. This prevents the list (and so its securities) from being monitored by via tickers.
To remove an existing list of securities from the watchlist for internal tickers:

1. On the main Notification Manager screen, select ***File -> Instrument List***. The Instrument Lists screen then appears detailing each of the existing lists currently on the watchlist together with the file location of the list.
2. On the Instrument Lists screen, highlight the instrument.
3. Click **Remove**. The list is then removed from the screen.
4. Click **OK**.

Tickers

Tickers are scrolling displays which keep the user up-to-date with information/events either arriving into, or happening within, GL WIN.

Internal tickers use data from within the local GL network and publish events for the securities currently being watched by the Notification Manager. Therefore, each security has to be actively monitored (via the Ticker Watchlist) before any of its events can appear on a ticker.

There are several different internal ticker types available with each ticker type having a predefined set of fields that determine the data contents.

Ticker Types

The following templates are available so you can construct and customise your own tickers. These are all internal tickers using information originating within your GL network.

Note: any client order related ticker only works when the Notification Manager is installed into GL STREAM as this the GL environment for client orders.

Client Orders
Publishes all current client orders currently active within in GL OMS / GL STREAM. This type of ticker only works in conjunction with a GL STREAM.

Quotes
Publishes all current market quotes (from all market participants).

House Quotes
Publishes the current market quotes published by the house, and so not the quotes of other market participants.
Note that house quotes are only visible if the main Notification Manager configuration file contains the BIC code the house is using to publish its house quotes and the UTI number of the installation of GL WIN (GLNOTMGR.INI).

```
[Misc]
houseBIC=GLFRBI1
UTI=718
```

Mid-Price
Publishes the market mid-price changes for all stocks being monitored on the workstation. This is the price half way between the bids and ask prices, as at close of business on the last trading day and is published by the exchange.

House Trades
Publishes the house trades originating from within GL WIN and executions sent by the exchange to GL WIN. For the former, these are trades input from any user within the house that the SLE Selector permits to transmit trades (including off-exchange trade reports and standard trades): For the latter, any execution sent by the exchange to record a matched order.

My House Trades
Publishes the trades that the GL WIN workstation (the UTI on the active flux) has entered including off-exchange trade reports and standard trades, and house executions sent by the exchange. (Note that the UTI is detailed on the ticker).

Exchange Orders
Publishes the exchange orders / market orders that the house has executed on the exchange.

Ticker Fields

The following fields are published on internal tickers as created / controlled via the Ticker Manager for securities currently being monitored by the Ticker Watchlist of the Notification Manager.

Symbol
The market symbol used to represent the security.

Market Maker Code
The market maker quoting the price(s).

Time
The time of the quote or price.

Bid Price
The price the market maker (or the house) is prepared to BUY the instrument i.e. less than the ASK.

Bid Qty
The quantity of securities available at the BID price.

Ask Price
The price the market maker (or the house) is prepared to SELL the instrument i.e. more than the BID.

Ask Qty
The quantity of securities available at the ASK price.

State
The state of the quote or exchange order.

Bid/Ask Price
The BID and ASK prices of quotes displayed together, separated by a hyphen.

Bid/Ask Qty
The BID and ASK quantities of quotes displayed together, separated by a hyphen.

Mid Price
The mid-price changes for all stocks being monitored on the workstation. This is the price half way between the bid and ask prices, as at close of business on the last trading day and is published by the exchange.

Quantity
The quantity of the trade or exchange order.

Price
The price of the trade or exchange order.

Direction
The BUY or SELL direction of the trade or exchange order.

Market
The market of execution of the trade or exchange order.

Source
The source trade or exchange order.

UTI
The UTI (user ID) of the user who entered the house trade or exchange order.

The File Menu

The ***File*** menu contains the following options:

- Dictionary
- Delete
- Paste
- Clear List
- Instrument Lists
- Books
- External Notifications
- Print
- Exit
- Close All Tickers and Alerts

Dictionary

(**Insert**)

Opens the Dictionary window, enabling you to insert instruments in the active screen tab.

Adding Securities via the Dictionary

You can use the Dictionary utility to add either individual securities or multiple selections of securities to the Notification Manager watchlist. The securities can then be monitored and appear on internal tickers as and when events occur.
To add securities to the watchlist for internal tickers via the GL Dictionary:

1. Press the **Insert** key to access the Dictionary screen, or alternatively select ***File -> Dictionary***.
2. In the left-hand pane, expand the category that contains the security. The subordinate sub-category folders then appear. Or carry out a search to find the security (see GL WIN user documentation on GL NET for more information).
3. Expand the sub-category folder that contains (or is likely to contain) the security. All of the securities in the sub-category folder then appear in the right-hand window pane.
4. In the right-hand pane, highlight the security (or securities) you would like to add. You can use the **Ctrl** key to select multiple securities.

Delete

(**Del**)

Removes the security currently highlighted in the main screen zone of the Notification Manager window.

Paste

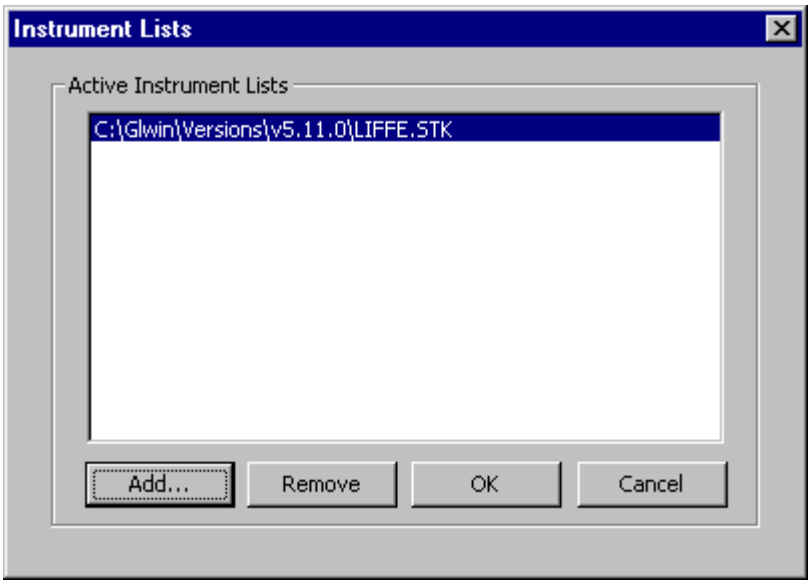
Pastes any security currently stored on the clipboard to the Notification Manager window.

Clear List

Removes all of the securities currently loaded in the main screen zone of the Notification Manager window.

Instrument Lists

Accesses the Instrument Lists window where you can add/remove securities from the Ticker Watchlist.



You can add existing lists of securities to the Notification Manager watchlist via the Instrument Lists window. The securities on the list are then monitored each time the Notification Manager is activated (via GLNOTMGR.EXE) and so will appear on any suitable (internal) tickers as and when events occur. Each list of securities must have already been saved elsewhere within GL WIN and be stored in a file with an STK extension. For example, lists originating from:

- GL MARKET MAKER : based on the securities on a screen tab or the main screen. The securities could have been imported from an existing book, as stored within GL OMS, or added manually via the Dictionary screen.
- GL MARKET WATCH : based on the securities on the main Market Watch screen, and the list then saved via ***Instrument lists -> Save*** list.

Each list of securities added to the watchlist is recorded in the core configuration file of the Notification Manager – GLNOTMGR.INI (…\Glwin\versions\). The lists remain on the watchlist until they are removed from the Instrument Lists screen (via the **Remove** button).

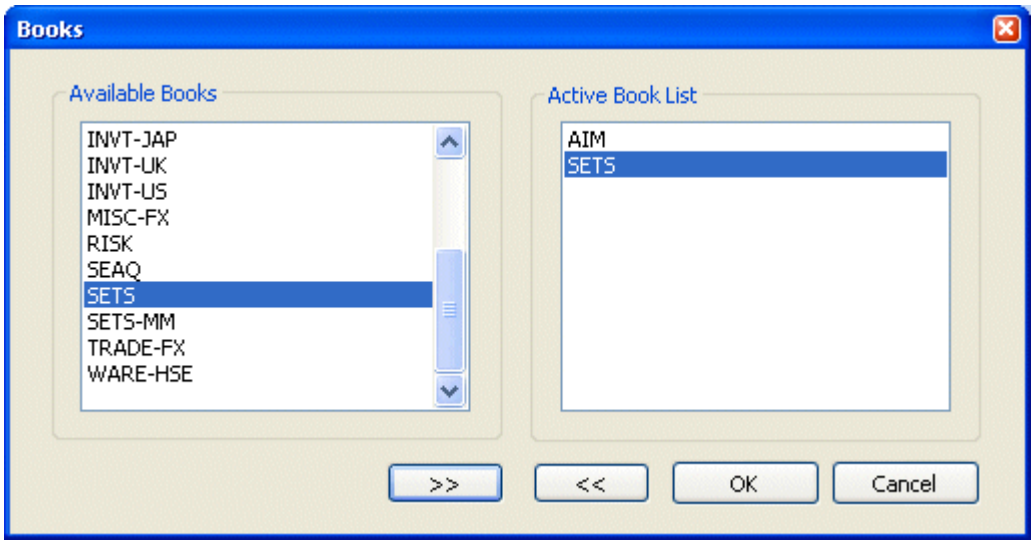
To add an existing list of securities to the watchlist for internal tickers:

1. On the main Notification Manager screen, select ***File -> Instrument List***. The Instrument Lists screen then appears.
2. On the Instrument Lists screen, click **Add**.
3. Browse for and then open the instrument list . This is likely to be stored in: c:\glwin\stocklists.
4. On the Instrument Lists screen, click **OK**. The list is then added to the screen.

Books

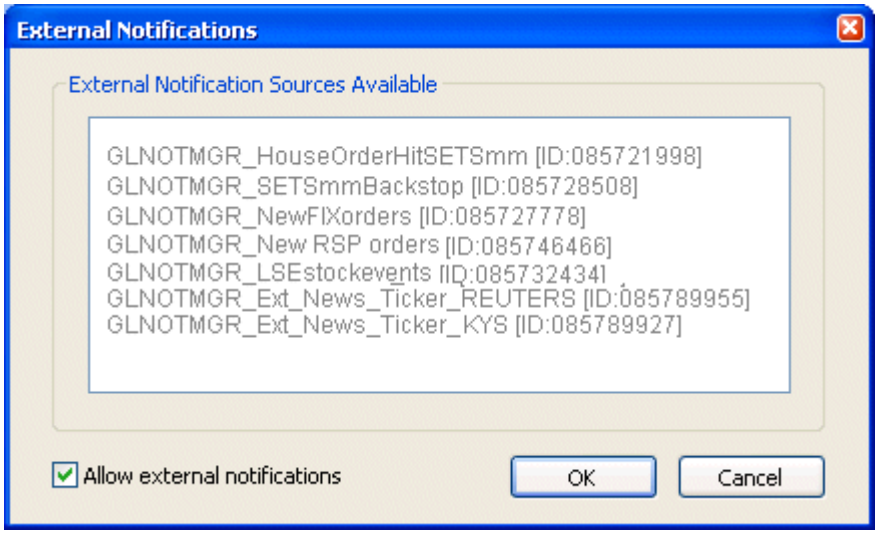
Accesses the Books dialog. This dialog enables you to import securities into the Ticker Watchlist dialog from an existing PKS book, i.e. a book used in position keeping via GL OMS/GL STREAM.

*Note: the Books option is only available if the Configuration dialog has the OMS Connection Available set to ON as this enables the import process. If this configuration setting has only just been set to ON then it is necessary to close down the Notification Manager via **File -> Close All Tickers and Alerts**. Only then does Books option become available on the File menu i.e. not greyed-out.*



External Notifications

Accesses the External Notifications window where you can see each of the existing configured external notification services which are potentially available to the GL WIN workstation. You can also turn the external services ON or OFF.



The External Notifications window lists each of the existing external notification services configured and so potentially available to GL WIN workstations via the in-house GL network.
The services can include external alerts and/or external tickers i.e. pop-up alert or tickers from a supported external news service e.g. Reuters.
All of the external services listed on the screen can be turned ON or OFF for the GL WIN workstation via the Allow external notifications tick box. This action has no effect on the availability of the external services to other users who all have their own version of the screen and so control of their own services.
Turning the services ON only works if the GL WIN workstation has corresponding alerts and/or tickers defined for the external services in :

- For alerts – defined via ALERTS.INI (…NOTMGRCFG\SavedAlerts).
- For external tickers – defined via TICKERTYPES.INI (…NOTMGRCFG\ExternalTickers).

Print

Prints the securities currently displayed on the Ticker Watchlist i.e. being monitored for inclusion on internal tickers.

Exit

(**Alt** + **F4**)

Closes the main Notification Manager application. However, all of its tickers and alerts remain running in the background (but hidden).
In order to stop the Notification Manager outright, as well as all of its alerts and tickers, select ***File -> Close All Tickers and Alerts***.

Close All Tickers and Alerts

Closes all tickers and alerts currently active on the workstation and also the entire Notification Manager application.

*Note: closing the Notification Manager via (**File -> Exit**) only closes the main Notification Manager screen but not any active tickers and alerts (these remain running in the background but effectively hidden).*

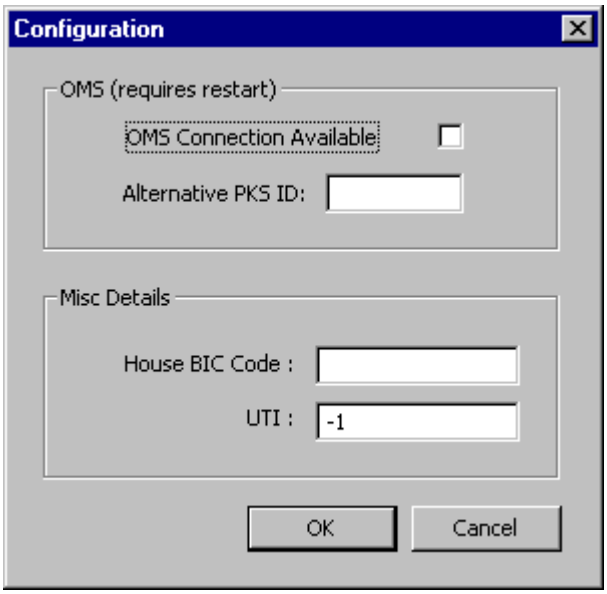
The Edit Menu

The ***Edit*** menu contains the following option:

- Configuration

Configuration

Opens the Configuration dialog where various OMS/PKS, BIC and UTI codes can be specified.



OMS Connection Available
For installations using GL STREAM. Enables book imports from OMS into the Ticker Watchist via Books dialog so that those securities can be monitored on internal tickers.
If you set this tick box to ON, then it is also necessary to close down the Notification Manager via ***File -> Close All Tickers and Alerts***. Only then does ***File -> Books*** option become available i.e. not greyed-out.

Alternative PKS ID
The tick box above must be set to ON if this field is completed.
The alternative PKS ID defines an alternative logon that is different to that of the UTI of the user (as defined in their FLUX.INI).
Defining the alternative PKS ID is only necessary if –

- The user does not have a PKS logon in their GLFLUX.INI; or
- There is a more suitable PKS login i.e. with a more appropriate configuration of accessible books.

House BIC Code
The BIC code the house uses so as to provide a filter for any ticker featuring house quotes and house trades.

UTI
The UTI of the user / workstation to filter house quotes and house trades to a specific user. This is most likely to be the UTI of the user of the workstation, although a generic UTI (workstation / process) can be specified.

The View Menu

The ***View*** menu contains the following options:

- Show/Hide Button Bar
- Show/Hide Title and Menu
- Show/Hide Scroll Bars

- Column Setup
- Font
- Colours
- Block Selected
- Unblock Selected
- Reset Block List

Show/Hide Button Bar

Hides or shows the button toolbar of the Notification Manager window.

Show/Hide Title and Menu

Hides or shows the title bar (Notification Manager) and the menu bar. You can also select this function by holding down the <**Ctrl**> key and double-clicking while the cursor is located in the main Instrument zone.

Show/Hide Scroll Bars

Hides the scrollbar which is situated towards the foot of the screen. The scrollbar helps you to navigate through all of the available information on the Notification Manager.

Column Setup

Accesses the version of the Columns Setup dialog specific to the Notification Manager. It is populated with only the relevant data columns for screen. Only the column names shown in black are visible on the Notification Manager and so any that are greyed-out are not.
You can use the mouse to click on a column name to toggle its current setting i.e. switch it from grey to black, or vice versa.

Font

Accesses the standard GL WIN font dialog, enabling you to edit the font size and style.

Colours

Accesses the standard GL WIN colour palettes dialog, enabling you to edit the colour scheme.

Block Selected

Blocks the securities currently selected by a tick in the **Sel** column. If the **Sel** option is not set up, the single security currently highlighted in the main screen zone is blocked. You can block any individual securities that are listed on the Instrument Lists screen.

Blocking stops the security from being monitored by the Notification Manager and so prevents it from appearing on any internal ticker when a triggering event occurs.

Any blocking remains in place until it is manually removed from the security by a user. Therefore, the Status column retains the value 'Blocked' each time the Notification Manager screen is opened until the unblocking takes place.

Unblock Selected

Unblocks the securities currently selected by a tick in the **Sel** column. If the **Sel** option is not set up, the single security currently highlighted in the main screen zone is unblocked.

Reset Block List

Clears all of the existing blocking instructions so that no instruments are blocked in this and subsequent sessions.

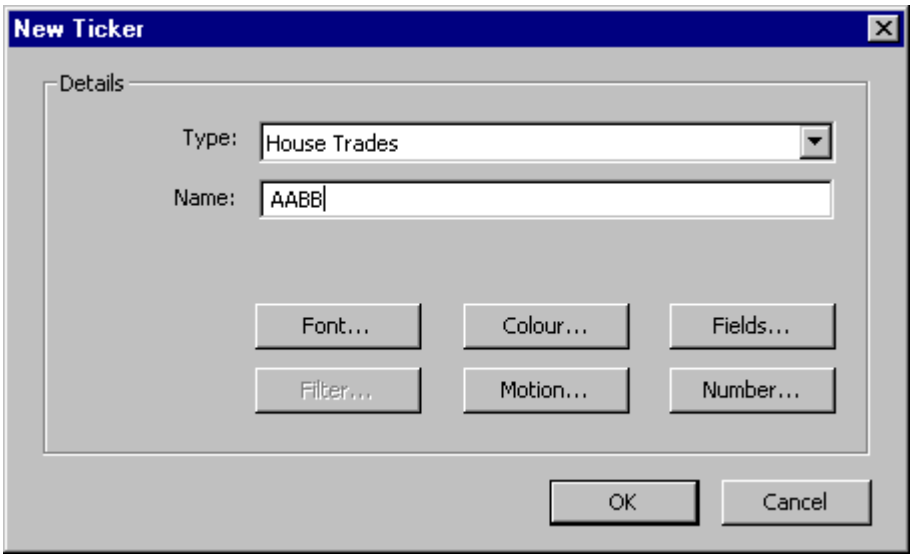
The Ticker Menu

The ***Ticker*** menu contains the following options:

- Create New
- Manage

Create New

Accesses the New Ticker dialog where you can create new tickers.

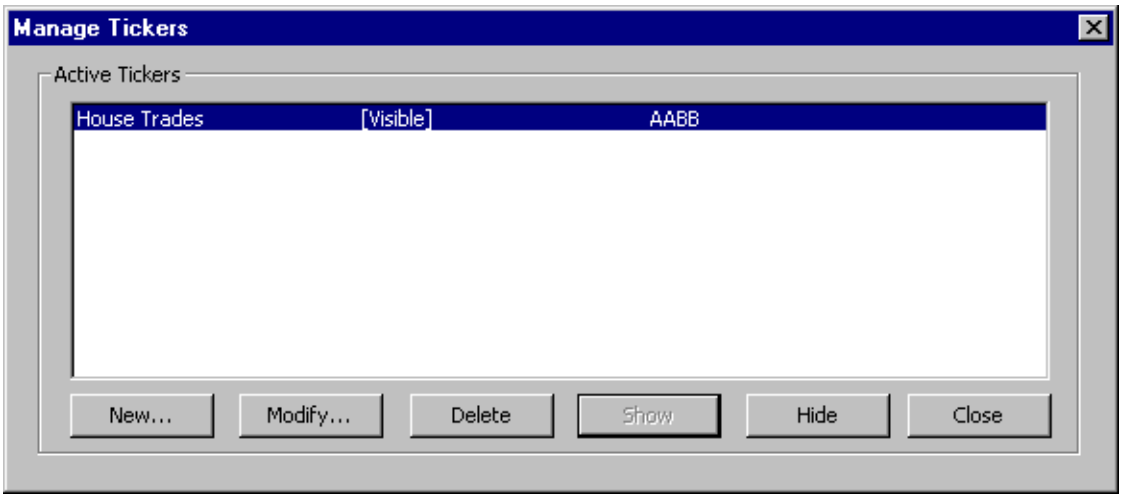


You can create new tickers in the New Ticker dialog providing the tickers have already been configured in preparation:

- For internal tickers, these are the default tickers as supplied with the Notification Manager.
- For external tickers, these are the tickers defined by-hand in TICKERTYPES.INI.

Manage

Accesses the Manage Tickers dialog where you can manage existing tickers.



The Manage Tickers dialog manages existing tickers that have already been configured within the system and created via the New Ticker dialog.
Each ticker can have it colours and screen behaviour set, and also whether the ticker is visible or not.

New
Use this option to defined a new ticker based on one of the existing default ticker types.

Modify
Use this option to modify the existing settings already defined for the ticker.

Delete
Use this option to delete an existing user defined ticker.

Show
Use this option to reveal an existing ticker in the foreground of the workstation.

Hide
Use this option to remove an existing ticker from the workstation but leave it passively monitoring events in the background.

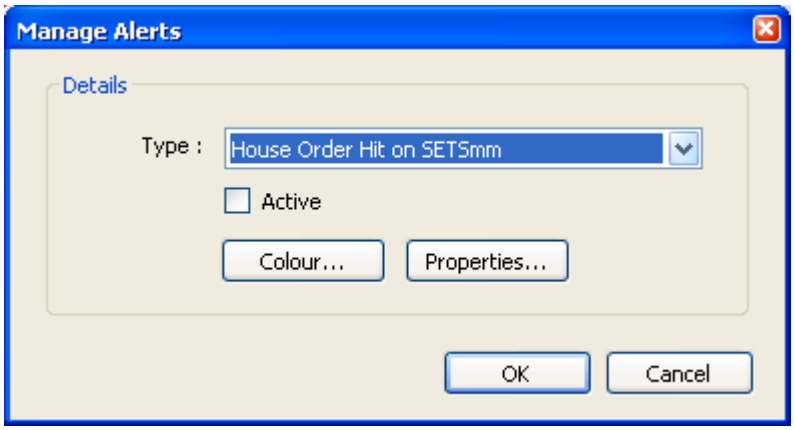
The Alert Menu

The ***Alert*** menu contains the following option:

- Manage

Manage

Access the Manage Alerts dialog where you can manage existing alerts.



The Manage Alerts screen controls existing alerts defined for the GL WIN installation. Each alert can have:

- Whether it is active and so can appear on the on the GL WIN work space of the workstation.
- The colour, sound and display settings of the resulting alert pop ups.

As it is assumed that the configuration of the Notification Manager (and in particular the sub-directory NOTMGRCFG) has or will be copied from one GL WIN installation to another, most users will only need to modify the colours, sounds and behaviour of the alerts.

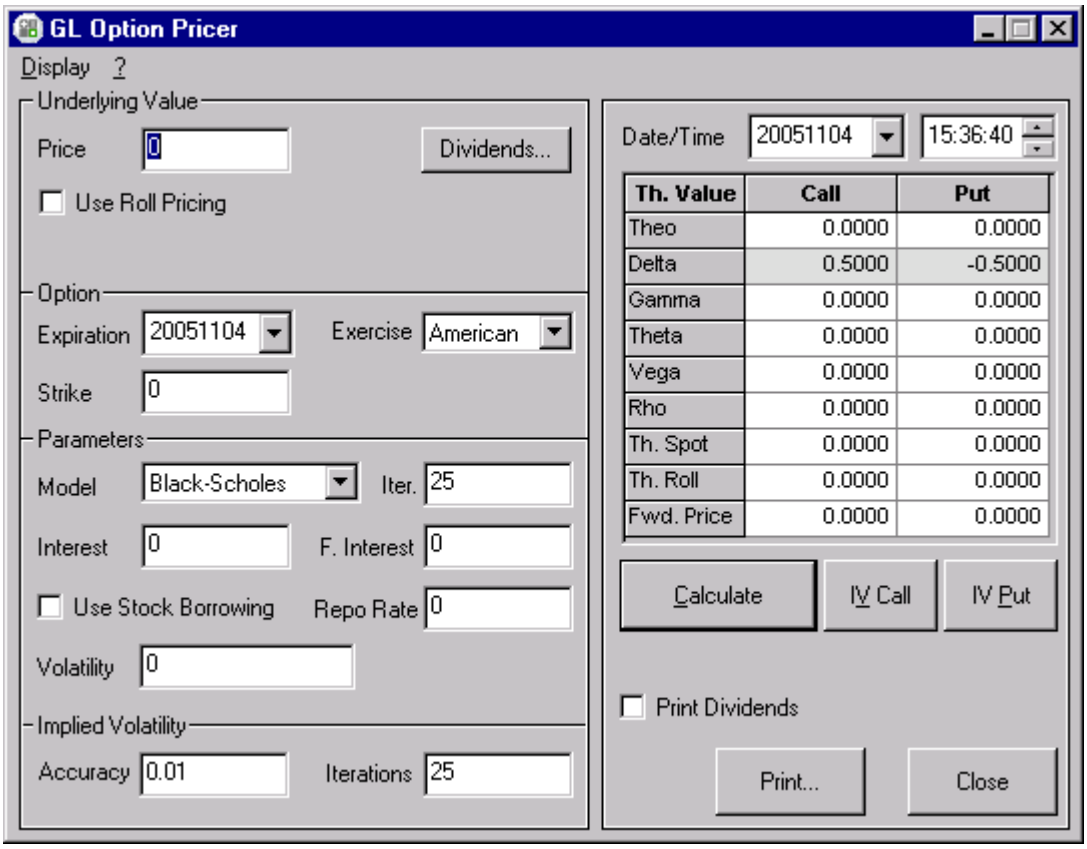
You can only manage the alerts for the workstation where the GL WIN installation is installed and so these are the only alerts available in the **Type** field.
Each of the available alerts is originally defined by-hand in the ALERTS.INI file (…NOTMGRCFG\SavedAlerts) of the GLWIN installation.

GL Pricer

You can bring up the Pricer:

- from the Options window by placing the cursor on the strike to be priced and using **Shift/F7**, *or*
- from the ***Option Price Analyser*** function after you have clicked on the Market Data icon in the GL Deskbar.

This window is used for pricing options for cash or future instruments with different formulas. Using the GL PRICER, the theoretical fair value of an option, the sensitivities of the theoretical fair value to its pricing parameters and the implied volatility can be calculated.



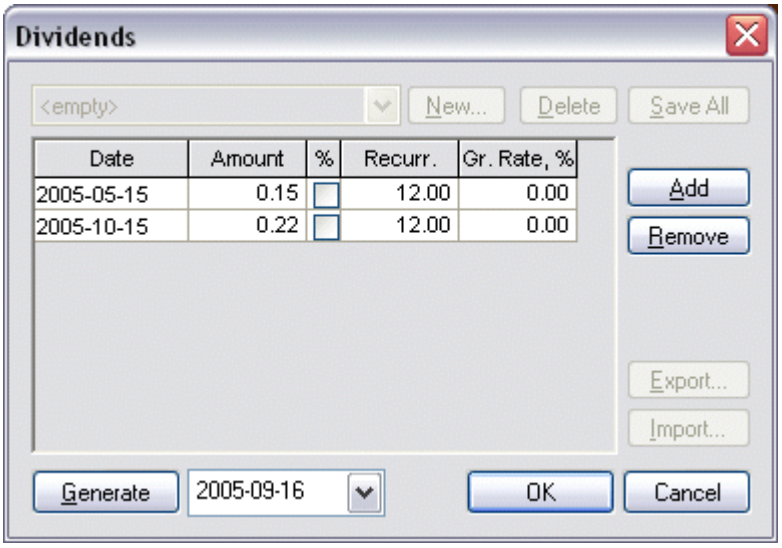
To load an option you can either use the Dictionary or through piloting via the Option Watch. When an option is selected, the option characteristics (Expiration Date, Strike Price and Exercise Style), the pricing parameters (e.g. Interest and Volatility), the last traded price and the dividends of the underlying instrument are loaded.
All parameters can be modified without changing the parameters in the OPTION WATCH. This allows you to experiment freely. When the GL PRICER is piloted from GL RUBYX, the parameters from the GL RUBYX database are used; otherwise, the parameters from the OPTIONS WATCH are used.

Parameters

The parameters are shown on the left-hand side of the GL Pricer window.

Underlying Value

At the top of this section, the **Price** of the Underlying Instrument is shown, and the **Dividends** can be accessed. When pricing options on futures, roll pricing can be used. Checking the **Use Roll Pricing** checkbox shows the additional parameters for Roll Pricing.
Click **Dividends** to activate the Dividends entry window.



The Dividend entry window is compatible with the Dividend editor of the Option Watch window. To generate the actual dividend payments, the end date needs to be specified in the date control at the bottom of the window. Clicking the **Generate** button generates the list of dividend payments until the specified end date.

Option

The Option characteristics are available below the Underlying Value parameters. Only plain vanilla options are supported.

Parameters

Beneath the Option characteristics are the pricing Parameters. First select the **Option Pricing Model**. There are models for European style option pricing, American style options, options on futures, and options on currencies. The binomial models require the number of iterations to be specified in the **Iter** field. Next to the Option Pricing Model, the **Interest** rate, **F**oreign **Interest** rate (for pricing currency options) and the **Repo Rate** (for stock borrowing) can be specified. The final pricing parameter that is available is the **Volatility** to be used for the selected option.

Implied Volatility

At the bottom of the window is the Implied Volatility section, used for specifying implied volatility calculation algorithms. To calculate the implied volatility of an option, a Newton-Raphson search is performed. The **Accuracy** and the number of the **Iterations** provide the stop criterion for the search algorithm.

Date/Time

Enter a date and/or time for calculations in this zone.

Calculations

The calculated values are displayed in the results grid on the right-hand side of the Option Pricer window.

Th.Value	Call	Put
Theo	1.4380	2.2000
Delta	0.4700	-0.5486
Gamma	0.0871	0.0918
Theta	-0.0058	-0.0038
Vega	0.0967	0.0967
Rho	0.0716	-0.1022
Th.Spot	0.0000	0.0000
Th.Roll	0.0000	0.0000
Fwd.Price	35.2863	35.2863

Both the values of the Call and Put option are displayed. The following values are available:

Value	Description
Theo	Theoretical fair value
Delta	Sensitivity of the theoretical fair value to the change in underlying value
Gamma	Sensitivity of the Delta to the change in underlying value
Theta	Sensitivity of the theoretical fair value to the time to expiry (days)
Vega	Sensitivity of the theoretical fair value to the volatility
Rho	Sensitivity of the theoretical fair value to the interest
Th. Spot	Underlying value price implied the spot future price (Roll Pricing)
Th. Roll	Difference between the spot month future and theoretical forward (Roll Pricing)
Fwd. Price	Theoretical forward price for the expiration (based on dividends and interest)

When one or more parameters have been modified, the new results are calculated by pressing the **Calculate** button. In the results grid, the changed values are indicated by a grey background colour.

Implied Volatilities

To calculate the implied volatility for a certain option, enter the value of the option in the result field for the theoretical fair value (either on the **Call** or **Put** side). Clicking the **IV CALL** button to calculate the implied volatility from the call price of the option entered, or the **IV PUT** button to calculate the implied volatility from the put price of the option.

The Option Pricer contains the following menu:
Display

The Display Menu

The ***Display*** menu includes the following functions :

Dictionary

Launches the Dictionary, enabling you to select the relevant instrument.

Controlled Window Setup

Launches the Controlled window setup window, enabling you to define that the GL PRICER be controlled by other windows (Option Watch).

Show/Hide Title and Menus

Displays or hides the window title and the menus.

Quit

Closes the GL PRICER.

The Information Submenu

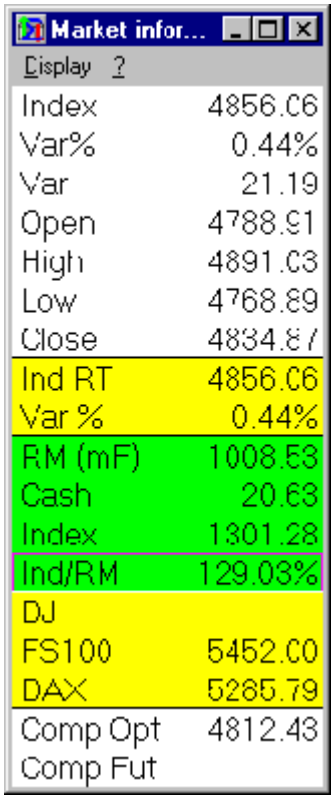
The Information submenu contains the following windows:

- Market Information
- Best Performers
- Currency Matrix

Market Information

You can access this window by clicking on the Market Data icon, and selecting the ***Information -> Market Information*** function.

This window displays the value of the index, its variation, capital exchanged, clearing prices, etc. It distinguishes the index broadcast by the Exchange from the online index recalculated on a continuous basis.
This window also displays a number of foreign indices.



This window includes the following menu:

- Display

The Display Menu

This menu includes the following functions:

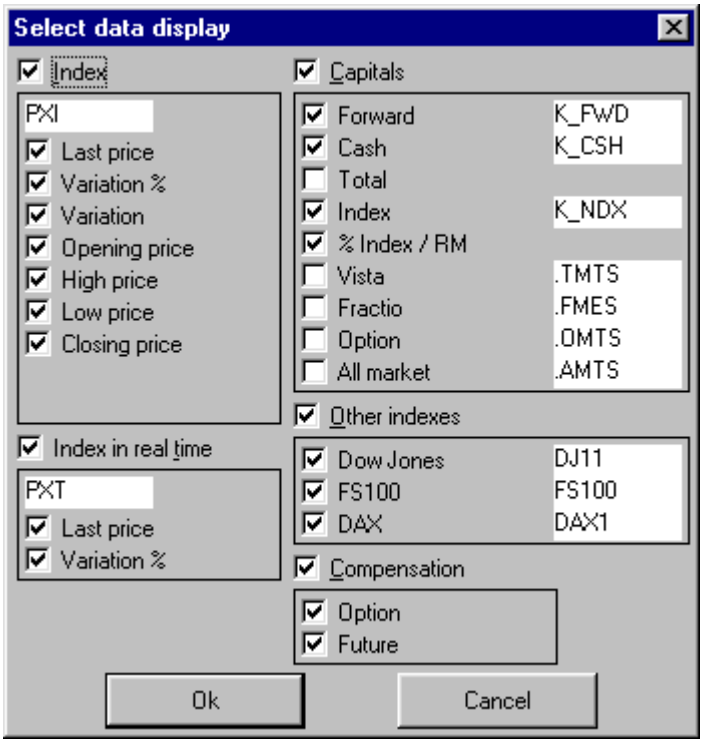
- Fixed window
- Select data display
- Hide title and menu
- Font
- Colors
- Print
- Quit

Fixed window

Use this function to display the selected window on all virtual screens that are available. GL WIN enables you to display information on four different virtual screens.
A fixed window is always displayed and can be associated with different other windows according to the virtual screen displayed.

Select data display...

In the Select data display dialog box, tick the information you want to display in the Market Information window.



Select the reference **Index**. The area below displays default values according to the selected index.
Tick the **Index in real time** field to display the index in real time and not by range of 30 seconds. At every quotation, the index is recalculated.
Tick the **Capitals** option to display the capital traded by market segment.
Once a month, the calculation of the **Compensation** rate is based on the index level average. This indicator is modified by the market every 30 seconds.

Select **OK** to validate your choices or **Cancel** to return to the previous configuration.

Show/Hide title and menu

This functionality displays or hides the menu bar, thus saving space on your desktop and removing unnecessary information.
To show/hide the title and menu bar, you can also use **Ctrl + double-click** in the center of the window.

Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
To get further information, see the ***Colors*** explanation associated with the ***Display*** menu of the Market Watch window.

Print...

To get detailed information, see the ***Print*** explanation associated with the ***Display*** menu of the Market Watch window.

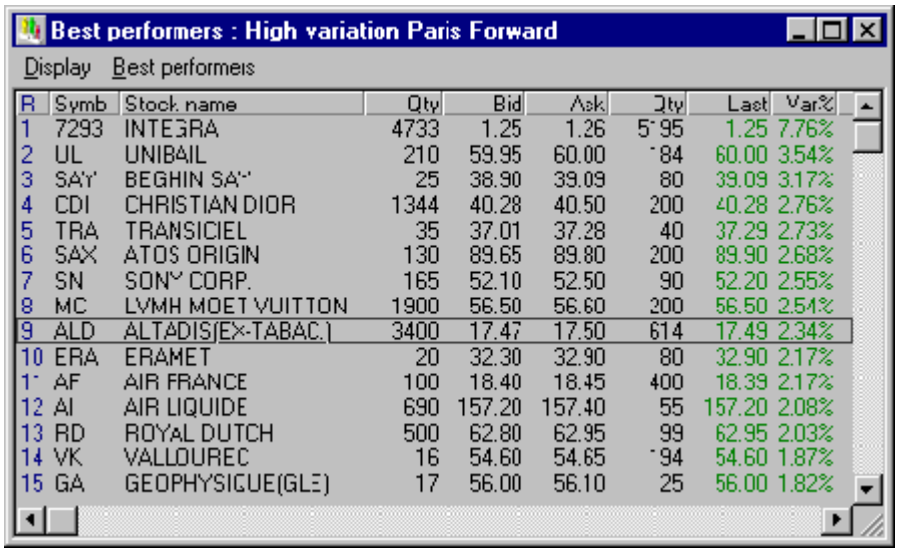
Quit

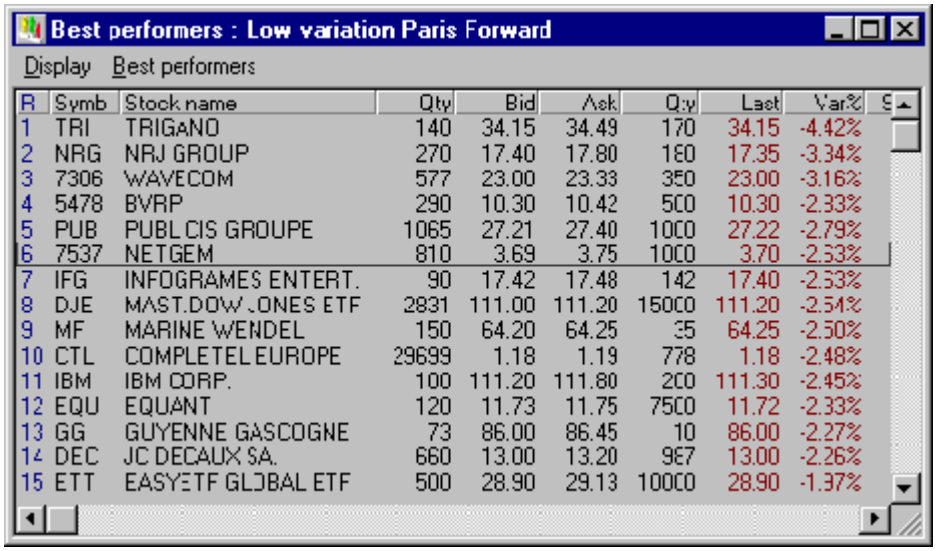
(Escape)

Exits the Market Information window.

Best Performers

You can access this window by clicking on the Market Data icon, and selecting the ***Information -> Best Performers*** function.
This window tracks the best performing instruments from the selected origin.





This window includes two menus:

- Display
- Best Performers

The Display Menu

This menu includes the following functions:

- Data setup
- Show/Hide title and menu
- Show/Hide data title
- Show/Hide scrollbars
- Show/Hide button bar
- Font
- Colors

- Print
- Quit

Data setup...

This function enables you to select the fields you want to display in the Best performers window.

To get further information, see the ***Instrument data setup...*** function of the Market Depth window.

Show/Hide title and menu

This functionality displays or hides the menu bar, thus saving space on your desktop and removing unnecessary information.
To show/hide the title and menu bar, you can also use **Ctrl + double-click** in the center of the window.

Hide data title

Shows or hides data titles.

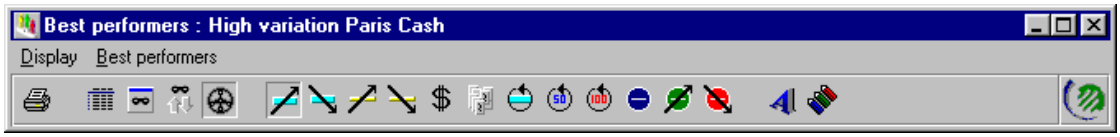
Show/Hide scrollbars

This function displays or hides the scrollbars.

Show/Hide button bar

This function displays or hides the icon bar.
The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities you can also access through the window menus.

Best Performers icon bar:



Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
To get further information, see the ***Colors*** explanation associated with the ***Display*** menu of the Market Watch window.

Print...

To get detailed information, see the ***Print*** explanation associated with the ***Display*** menu of the Market Watch window.

Quit

(Escape)

Exits the Best performers window.

The Best Performers Menu

This menu enables you to display the following main data:

Function/Icon	Shortcut
Today's highest variation	H
Today's lowest variation	L
Highest variation for the year	+
Lowest variation for the year	-
Capital	C
Quantity	Q
Today's rotation	R
50 days/rotation	5
100 days/rotation	1
Suspended stock	S
High reserved	P
Low reserved	M
Number of trades	N
High VTO (highest theoretical opening variation)	V
Low VTO (lowest theoretical opening variation)	W

According to the market and place, all functions are not always available.

To display the contents of this window, select ***Data setup...*** in the ***Display*** menu.
To select the instruments that you wish to track, use the ***Best performers -> Origin...*** function.

Main control window

With the Main Control window function, you can control one or several windows.
Modifications that happen in the main control window are applied to controlled windows.

Stock exclusion...

Deletes the selected **`.stk`** list from the displayed data.

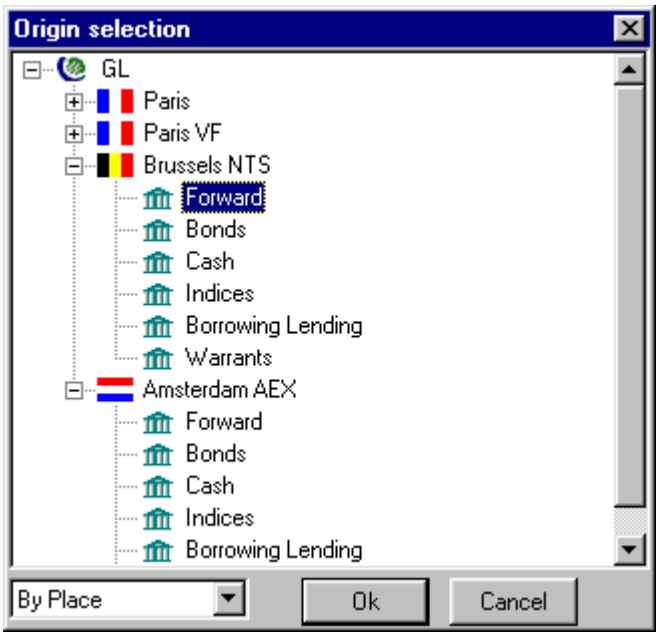
No exclusion

Deactivates the ***exclusion*** of any **`.stk`** list from the displayed data.

Origin...

(Insert)

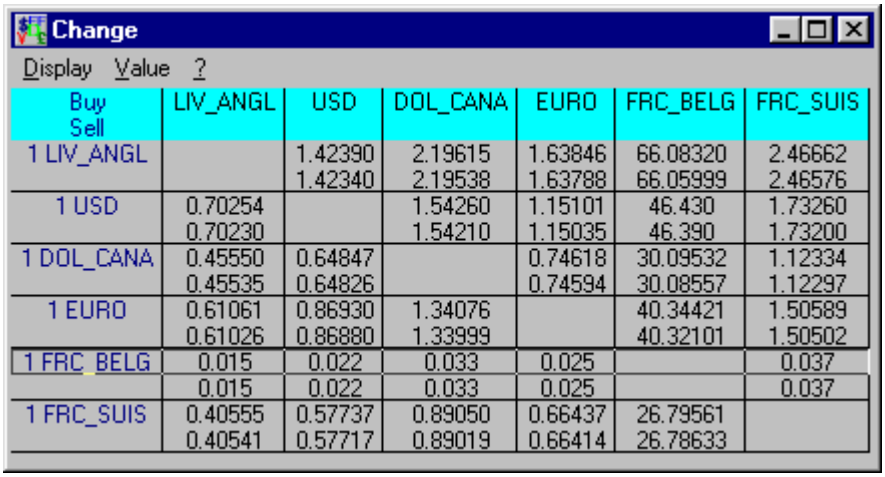
Use this function to select the market of the best performers to be displayed.



Open the market place tree display structure and select the market in question.
You can choose to display the structure **By Place** or **By Market**.
Then, click on **OK** to validate or on **Cancel** to exit the ***Origin...*** function.

Currency Matrix

You can access this window by clicking on the Market Data icon, and selecting the ***Information -> Currency Matrix*** function.
This window displays the buying and selling rates for currencies.



Buy / Sell	LIV_ANGL	USD	DOL_CANA	EURO	FRC_BELG	FRC_SUIS
1 LIV_ANGL		1.42390 1.42340	2.19615 2.19538	1.63846 1.63788	66.08320 66.05999	2.46662 2.46576
1 USD	0.70254 0.70230		1.54260 1.54210	1.15101 1.15035	46.430 46.390	1.73260 1.73200
1 DOL_CANA	0.45550 0.45535	0.64847 0.64826		0.74618 0.74594	30.09532 30.08557	1.12334 1.12297
1 EURO	0.61061 0.61026	0.86930 0.86880	1.34076 1.33999		40.34421 40.32101	1.50589 1.50502
1 FRC_BELG	0.015 0.015	0.022 0.022	0.033 0.033	0.025 0.025		0.037 0.037
1 FRC_SUIS	0.40555 0.40541	0.57737 0.57717	0.89050 0.89019	0.66437 0.66414	26.79561 26.78633	

This window includes two menus:

- Display
- Value

The Display Menu

This menu includes the following functions:

- Show/Hide title and menu
- Show/Hide scroll bars
- Font
- Colors
- Quit

Show/Hide title and menu

This functionality displays or hides the menu bar, thus saving space on your desktop and removing unnecessary information.
To show/hide the title and the menu bar, you can also use **Ctrl + double-click** in the center of the window.

Show/Hide scrollbars

This function displays or hides the scrollbars.

Font...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

Colors...

Modifies the color and background of pages and highlights certain information.
For further information, see the ***Colors*** explanation associated with the ***Display*** menu of the Market Watch window.

Quit

(Alt F4)

Exits the Change window.

The Value Menu

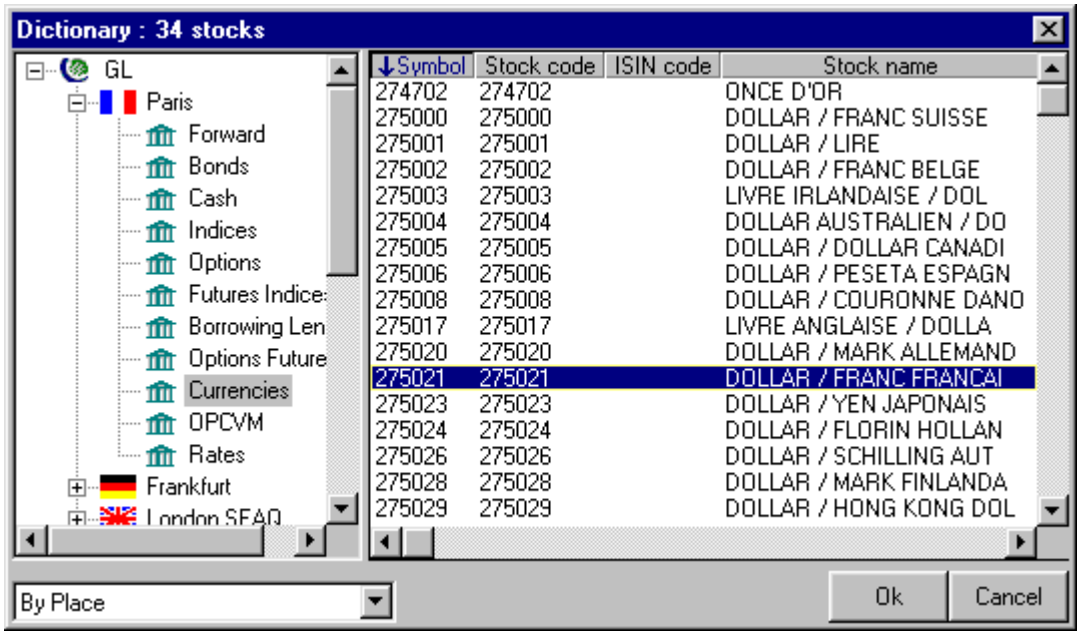
This menu includes the following functions:

- Insert
- Select
- Open List
- Save List

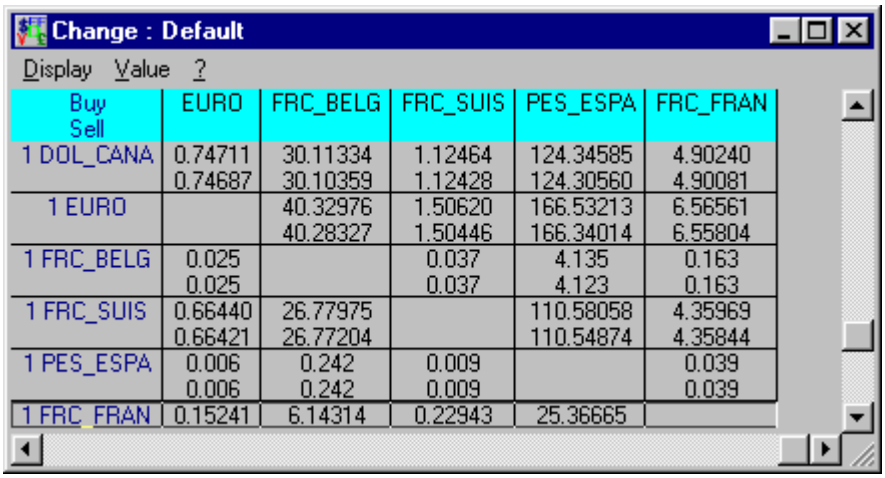
Insert...

(Insert)

This function displays the dictionary from which you can select the exchange rates to be viewed in the currency matrix.



Select the appropriate value(s) and click on **OK** to add this currency to the Change window.



Buy / Sell	EURO	FRC_BELG	FRC_SUIS	PES_ESPA	FRC_FRAN
1 DOL_CANA	0.74711 0.74687	30.11334 30.10359	1.12464 1.12428	124.34585 124.30560	4.90240 4.90081
1 EURO		40.32976 40.28327	1.50620 1.50446	166.53213 166.34014	6.56561 6.55804
1 FRC_BELG	0.025 0.025		0.037 0.037	4.135 4.123	0.163 0.163
1 FRC_SUIS	0.66440 0.66421	26.77975 26.77204		110.58058 110.54874	4.35969 4.35844
1 PES_ESPA	0.006 0.006	0.242 0.242	0.009 0.009		0.039 0.039
1 FRC_FRAN	0.15241	6.14314	0.22943	25.36665	

Select...

This function enables you to select a single currency from the Selection list.
This currency is added at the right end of the Change window.

Choose the currencies which are displayed in bold when selected. The **USD currency** is compulsory.
Then, click on **OK** to validate or on **Cancel** to exit the ***Select...*** function.

Open list...

Opens an exchange rate file (.chg) previouly saved through the ***Save list...*** function.
GL WIN also provides a currency file by default.

Select the file to be opened in the currency matrix and click on **OK** to validate.

Save a file...

Saves the current exchange file (.chg).
GL WIN also provides a currency file by default.

After you have specified the file to be saved in the **File Name** field, click on the **Save a file** button to validate.

The Time Tools Submenu

The ***Time Tools*** submenu contains the following windows:

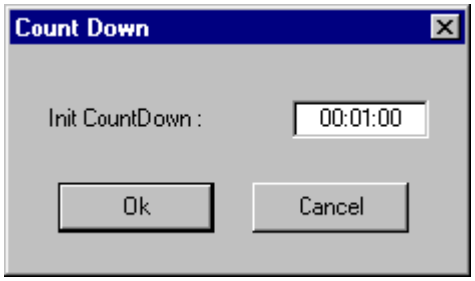
- Countdown
- World indices - Time zones

Countdown

You can access this window by clicking on the Market Data icon, and selecting the ***Time Tools -> Countdown*** function.
This function enables you to define a time lapse before executing a transaction.

Click on the **Set sound file** icon to define the alarm sound which is to be used at the end of the countdown.

Use the **Set** icon to initialize the countdown. Enter the appropriate value in the following window:



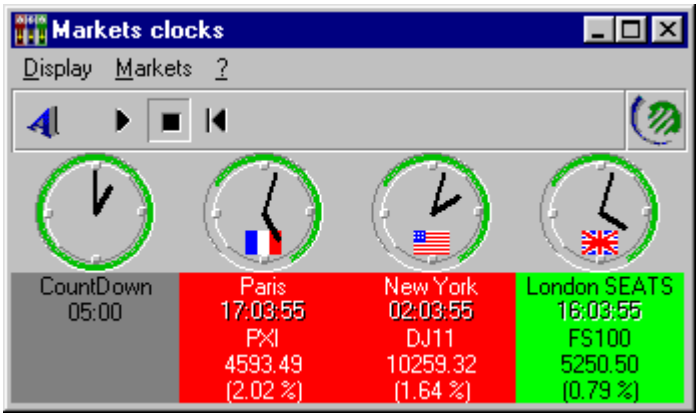
Then click on the **Go** icon to start it.

Use the **Stop** icon to interrupt the countdown.

World Indices - Time Zones

You can access this window by clicking on the Market Data icon, and selecting the ***Time Tools -> World Indices - Time Zones*** function.

This window displays the main indices for all markets selected.
The local time of the market place is also displayed. Colors enable you to quickly determine whether the market is open or not.
The countdown may be used five minutes before closing time.



This window includes two menus:

- Display
- Markets

The Display Menu

This menu includes the following functions:

- Caption and menu hidden
- Button bar hidden
- Clock hidden
- Fonts
- Automatic sizing
- Fixed window
- Always on top
- Quit

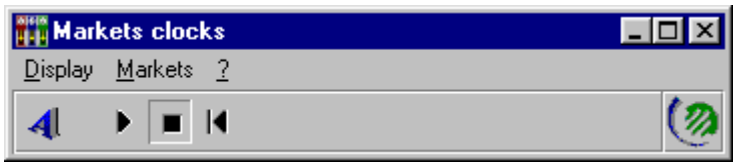
Caption and menu hidden

Shows or hides caption and menu.

Button bar hidden

This function displays or hides the icon bar.
The icon bar (or button bar or toolbar) provides you with rapid access to several functionalities you can also access through the window menus.

Market clocks icon bar:



Clock hidden

Shows or hides the market clocks.

Fonts...

Use this function to change fonts, their types and sizes. This setting is available on all GL WIN windows.
See the ***Font*** explanation associated with the ***Display*** menu of the Market Watch window.

Automatic sizing

Automatically resizes the window to its displayed contents.

Fixed window

Use this function to display the selected window on all virtual screens that are available. GL WIN enables you to display information on four different virtual screens.
A fixed window is always displayed and can be associated with different other windows according to the virtual screen displayed.

Always on top

Always displays the Market clocks window on top of the other windows visualized on the screen.

Quit

(Alt+F4)

Exits the Market clocks window.

The Markets Menu

This menu includes the following functions

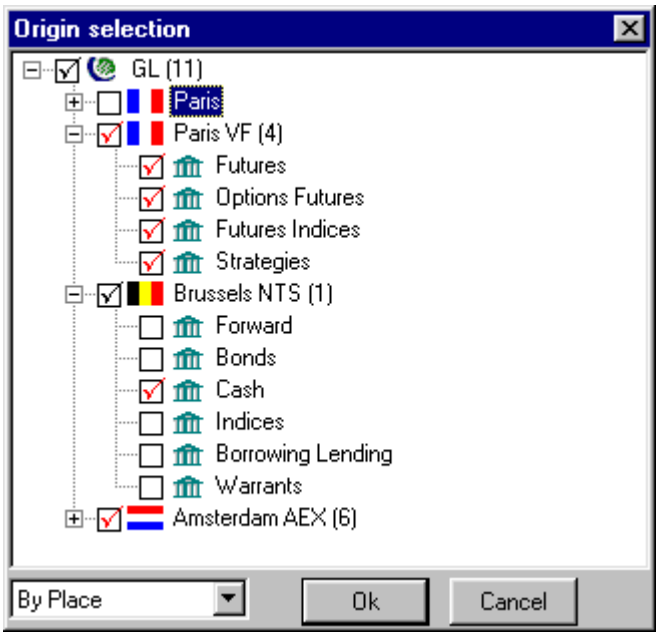
- Select
- Setup

Select...

Use this function to select the market(s) that correspond to the indices you want to display.
Tick the appropriate market place and open its tree display structure. Selected items are indicated with color-coded ticks:

- A **black** tick in front of the market place indicates that *some markets* are selected for this market place.
- A red tick in front of the market place indicates that *all markets* are selected for this market place.
- The number displayed on the first line specifies the total number of selected markets.
- The number displayed at the right of each market place specifies the number of selected markets for this market place.

You can choose to display the structure **By Place** or **By Market**.

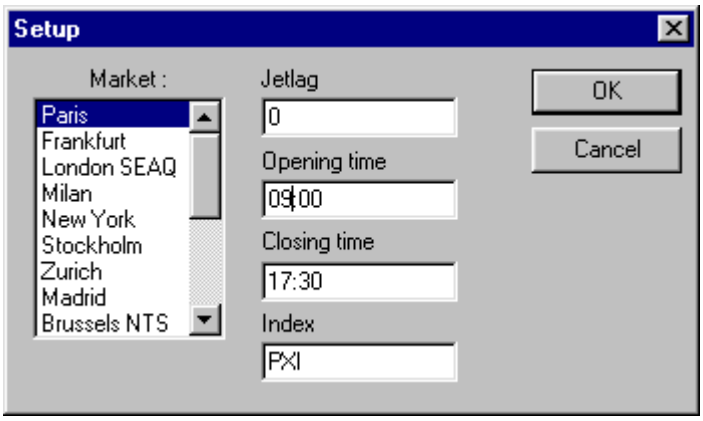


Then use **OK** to validate or **Cancel** to exit the ***Select...*** function.

Setup...

This function is used to determine:

- time differences between market places,
- exchange opening and closing hours for each market place,
- the index to be visualized in the Market clocks window.



If you are located at Paris and want to display the Paris PXI index:

- select the market place Paris from the **Market** list,
- enter 0 in the **Jetlag** (time difference) field (0 corresponds to the reference market place),
- enter the Paris exchange opening and closing hours in the two following fields,
- specify the name of the index (PXI) to be visualized in the **Index** field.

To define the parameters of the second market place, for example New York:

- select the market place New York from the **Market** list,
- enter -7 in the **Jetlag** field (this value is defined with respect to the market place for which you have entered 0, i.e Paris),
- enter the New York opening and closing times in the two following fields,
- specify the name of the index (DJ11) to be visualized in the **Index** field.

Click on **OK** to validate or on **Cancel** to return to the previous configuration.

The Web Submenu

The ***Web*** submenu contains the following windows:

- Mini-Browser
- Money Snapshot

Mini Browser

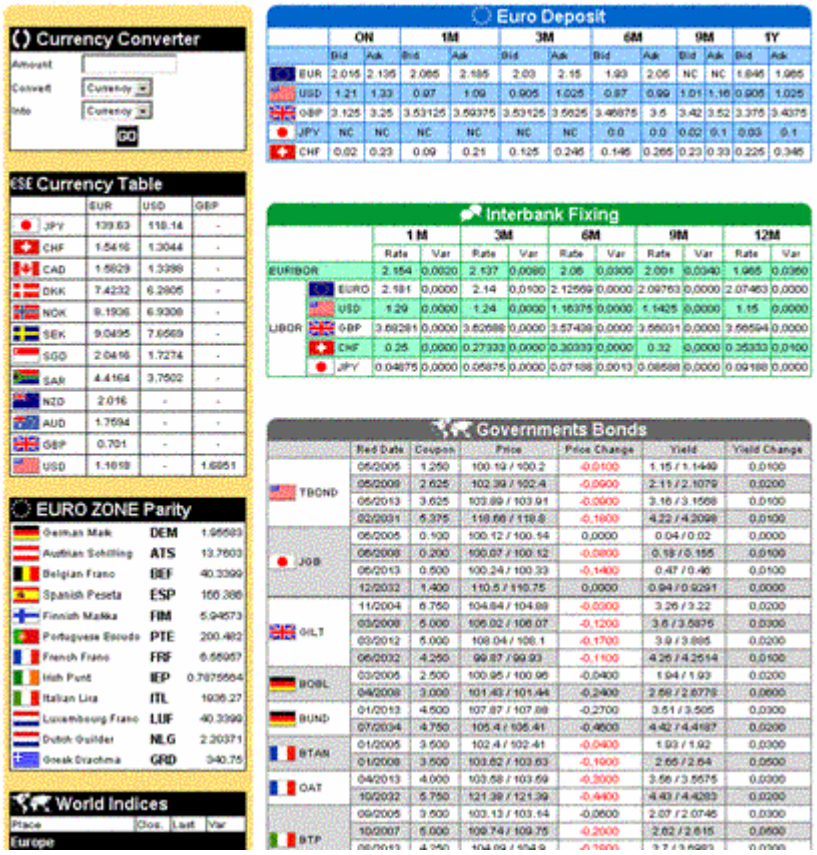
You can access this window by clicking on the Market Data icon, and selecting the ***Web -> Mini-Browser*** function.
This function enables you to access the **GL TRADE.net** website via a dedicated window.

Money Snapshot

Note: This window is only available if you have subscribed to the appropriate package.

This window can be opened either from the ***Market Data -> Web*** menu, or by opening a GL Browser focusing on the Forex and Money Market interest rates via **GLTRADE.net**. There are three updates a day; 9.00 am, 12.00 pm and 3.00 pm, GMT.

Money Snapshot



Currency Converter

Amount
Convert Currency
Into Currency
GO

€SE Currency Table

	EUR	USD	GBP
JPY	139.63	118.14	-
CHF	1.5416	1.3044	-
CAD	1.5829	1.3399	-
DKK	7.4232	6.2805	-
NOK	9.1936	6.9309	-
SEK	9.0495	7.6569	-
SGD	2.0416	1.7274	-
SAR	4.4164	3.7502	-
NZD	2.016	-	-
AUD	1.7594	-	-
GBP	0.701	-	-
USD	1.1818	-	1.6851

EURO ZONE Parity

German Mark	DEM	1.95583
Austrian Schilling	ATS	13.7603
Belgian Franc	BEF	40.3399
Spanish Peseta	ESP	166.386
Finnish Markka	FIM	5.94573
Portuguese Escudo	PTE	200.482
French Franc	FRF	6.55957
Irish Punt	IEP	0.7875564
Italian Lira	ITL	1936.27
Luxembourg Franc	LUF	40.3399
Dutch Guilder	NLG	2.20371
Greek Drachma	GRD	340.75

World Indices

Place	Clos.	Last	Var
Europe			

Euro Deposit

	ON		1M		3M		6M		9M		1Y	
	Bid	Ask	Bid	Ask	Bid	Ask	Bid	Ask	Bid	Ask	Bid	Ask
EUR	2.015	2.135	2.085	2.185	2.03	2.15	1.93	2.05	NC	NC	1.845	1.965
USD	1.21	1.33	0.97	1.09	0.905	1.025	0.87	0.99	1.01	1.16	0.905	1.025
GBP	3.125	3.25	3.53125	3.59375	3.53125	3.5625	3.46875	3.5	3.42	3.52	3.375	3.4375
JPY	NC	NC	NC	NC	NC	NC	0.0	0.0	0.02	0.1	0.03	0.1
CHF	0.02	0.23	0.09	0.21	0.125	0.245	0.145	0.265	0.23	0.33	0.225	0.345

Interbank Fixing

		1 M		3M		6M		9M		12M	
		Rate	Var	Rate	Var	Rate	Var	Rate	Var	Rate	Var
EURIBOR		2.154	0.0020	2.137	0.0080	2.06	0.0300	2.001	0.0340	1.965	0.0360
LIBOR	EURO	2.181	0.0000	2.14	0.0100	2.12569	0.0000	2.09763	0.0000	2.07463	0.0000
	USD	1.29	0.0000	1.24	0.0000	1.16375	0.0000	1.1425	0.0000	1.15	0.0000
	GBP	3.69281	0.0000	3.62688	0.0000	3.57438	0.0000	3.56031	0.0000	3.56594	0.0000
	CHF	0.25	0.0000	0.27333	0.0000	0.30333	0.0000	0.32	0.0000	0.35333	0.0100
	JPY	0.04875	0.0000	0.05875	0.0000	0.07188	0.0013	0.08588	0.0000	0.09188	0.0000

Governments Bonds

	Red Date	Coupon	Price	Price Change	Yield	Yield Change
TBOND	05/2005	1.250	100.19 / 100.2	-0.0100	1.15 / 1.1449	0.0100
	05/2009	2.625	102.39 / 102.4	-0.0900	2.11 / 2.1079	0.0200
	05/2013	3.625	103.89 / 103.91	-0.0900	3.16 / 3.1568	0.0100
	02/2031	5.375	118.66 / 118.8	-0.1600	4.22 / 4.2098	0.0100
JGB	06/2005	0.100	100.12 / 100.14	0.0000	0.04 / 0.02	0.0000
	06/2008	0.200	100.07 / 100.12	-0.0800	0.18 / 0.155	0.0100
	06/2013	0.500	100.24 / 100.33	-0.1400	0.47 / 0.46	0.0100
	12/2032	1.400	110.5 / 110.75	0.0000	0.94 / 0.9291	0.0000
GILT	11/2004	6.750	104.64 / 104.69	-0.0300	3.26 / 3.22	0.0200
	03/2009	5.000	106.02 / 106.07	-0.1200	3.6 / 3.5835	0.0300
	03/2012	5.000	108.04 / 108.1	-0.1700	3.9 / 3.885	0.0200
	06/2032	4.250	99.87 / 99.93	-0.1100	4.26 / 4.2514	0.0100
BOBL	03/2005	2.500	100.95 / 100.96	-0.0400	1.94 / 1.93	0.0200
	04/2009	3.000	101.43 / 101.44	-0.2400	2.89 / 2.8778	0.0000
BUND	01/2013	4.500	107.87 / 107.88	-0.2700	3.51 / 3.505	0.0300
	07/2034	4.750	105.4 / 105.41	-0.4600	4.42 / 4.4187	0.0200
BTAN	01/2005	3.500	102.4 / 102.41	-0.0400	1.93 / 1.92	0.0300
	01/2008	3.500	103.62 / 103.63	-0.1900	2.65 / 2.64	0.0500
OAT	04/2013	4.000	103.58 / 103.59	-0.3000	3.56 / 3.5575	0.0300
	10/2032	5.750	121.38 / 121.39	-0.4400	4.43 / 4.4283	0.0200
BTP	09/2005	3.500	103.13 / 103.14	-0.0600	2.07 / 2.0745	0.0300
	10/2007	5.000	109.74 / 109.75	-0.2000	2.62 / 2.615	0.0500

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